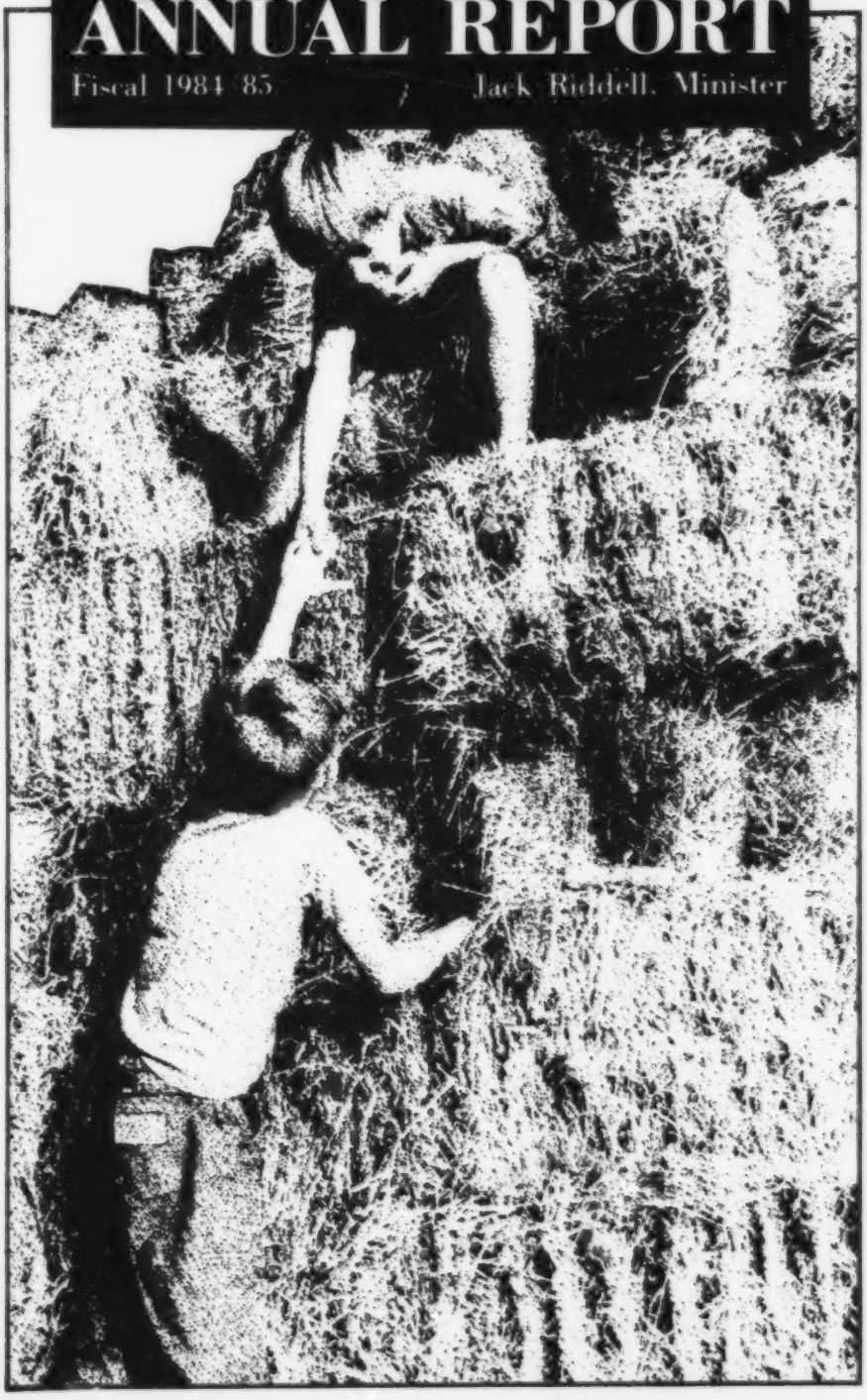
The Ministry of Agriculture and Food

ANNUAL REPORT

Fiscal 1984-85

Jack Riddell, Minister



Ministry of Agriculture and Food
ONTARIO

ANNUAL REPORT

Fiscal 1984/85

The Honourable Jack Riddell
Minister of Agriculture and Food

Sir:
I have the honour to submit for your approval the 1984/85 Annual Report of the Ministry of Agriculture and Food.

It was an eventful year for us with the appearance of many new program initiatives on a number of significant fronts. This report chronicles our start-up support for the livestock industry through the Red Meat Plan, as well as our renewed efforts in soil conservation, northern development and credit assistance for farmers.

The Ministry also underwent certain refinements in its organization during the year enabling us to provide an even more effective line of service to our clients.

Respectfully submitted,

Clayton Switzer
Deputy Minister

His Honour
The Lieutenant Governor in Council

May it please Your Honour:
For the information of Your Honour and the Legislative Assembly, I have the privilege of presenting the Annual Report of the Ministry of Agriculture and Food for the fiscal year ending March 31, 1985.

Respectfully submitted,

The Honourable Jack Riddell
Minister of Agriculture and Food

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DEPUTY MINISTER

RE-ORGANIZATION

The ministry was re-organized to reflect the increased importance of soil and water management. The changes, approved in the 1984-85 fiscal year and implemented early in April 1985, included the formation of a new Soil and Water Management Branch. The branch combines the drainage and capital improvement programs with new soil management and erosion control programs. The new branch falls under the Advisory and Technical Services Division of the ministry.

Another major change occurred in October 1984 when the finance and administration functions in the ministry were combined. Part of this re-organization was the formation of the Economics and Policy Co-ordination Branch, reporting to the deputy minister. This branch brought together the policy development unit and economic information services of the former Economics Branch with the policy co-ordination unit of the former Strategic Planning Branch to provide information and economic analysis to senior staff and the public.

Another aspect of this reorganization moved the Foodland Preservation and Improvement Branch under the finance and administration assistant deputy minister. Along with this change, an executive director was appointed to manage foodland preservation and financial programs, including Foodland Preservation, Farm Assistance, Crop Insurance and Stabilization and Management Systems Branches.

LOOKING AHEAD

During 1984, the **Economics and Policy Coordination Branch** hosted the second Agri-Food: A Look Ahead conference Oct. 16-17 in Toronto. The conference was well attended with a number of highly regarded speakers, including Chairman of the U.S. House Agriculture Committee Kiki de la Garza, Jon Grant, president of Quaker Oats Co. of Canada and University of Toronto professor John Crispo.

Ministers and deputy ministers of agriculture met in Winnipeg during July 1984. The branch participated in the follow-up special meeting of agriculture minsters in Toronto Nov. 7-8, 1984 on the Task Force on Agricultural Credit.

Through the branch's policy development unit, efforts continued on tripartite stabilization, international trade (especially action against countervail duty on hogs), agricultural credit and taxation.

In the economic information unit, agricultural statistics were published, 3,560 daily farm market reports were broadcast and farm production costs were monitored. The regular publications, containing field crop, fruit, vegetable, livestock and dairy production and farm income estimates, were maintained. For farm cash receipts and farm market news, see Appendix VII-1 & 2.

The policy co-ordination unit maintained its policy liaison role within the ministry and between the ministry and various central agencies. The merging of this function into the branch provides improved co-operation on policy issues and responses.

Two monthly reviews are now published in-house: *Agricultural Trade Update* highlights international trade issues and recent trade statistics, and *P.D.R. Notes* analyzes developments in the food processing, distributing and retailing sectors to keep the ministry informed about relevant developments in these areas. *Agricultural Outlook*, published bi-monthly, reviews the prospects of the major farm commodities and analyzes recent economic developments and policy issues affecting agriculture in Canada and abroad.

OMAF NEWS

A tabloid newspaper, averaging 12 pages, was started by the **Communications Branch** January 1984. *OMAF News* is published 10 times a year to provide news and technical information about agriculture and ministry programs and policies and is delivered free to Ontario's 82,500 farmers. Preliminary results of a readership survey on *OMAF News* indicate 77 per cent of the farmers who get the newspaper want it to continue.

The branch entered several competitions during the year and won 16 awards from honorable mentions to top prizes. Awards came from local organizations, such as the Ontario government's Forum, national groups such as the Canadian Farm Writers Association and the Canadian Public Relations Society and international groups such as the International Association of Business Communicators. The awards encompassed most of the branch's activities.

The branch provides the full range of information services for the ministry through print publications, radio and television productions, film features, exhibits and audio visual materials.

The publications unit of the branch processed 150 English and French manuscripts during the year. About 880 separate technical publications are now available.

The television service produced 552 video tapes for ministry extension, education, research and communications programs for distribution to schools, organizations, extension personnel, broadcast stations and the public. *Town and Country Ontario* is a farmer-consumer oriented television show broadcast weekly in southern and northern Ontario. Five hundred and fifty-seven news and feature programs were produced and distributed to 21 independent Ontario TV stations. With the introduction of agriculture into the elementary and secondary school curricula, 24 video tapes were produced for the *Education in the Classroom* series.

Forty-seven Ontario radio stations regularly broadcast the tapes and live radio programming produced by the press/radio unit, among them *Agri-Pulse* (a contemporary farm show), *Table Talk* (consumer features), *Growing Together* (gardening features), and *Fast News* (live radio news reports). This unit also produces feature stories for *OMAF News* and a number of media kits.

Proud Beginnings, a 28-minute Bicentennial documentary saluting six Ontario 200-year-old farms was released by the motion picture unit in July, 1984. A 13-minute slide-set supporting the Red Meat Plan was produced and 40 sets of the presentation *Meat Matters*

continue to play to audiences across the province. *Life and Limb*, a farm safety film, captured a total of four top awards in Canada and the United States within nine months of the film's release.

The exhibit service presented ministry educational exhibits at 14 major fairs and exhibitions during the year and sent portable exhibits to ministry staff and others for 463 showings and 268 different events through the province such as conferences, shopping mall food promotion weeks, fall fairs and similar events.

Professional photographers and darkroom facilities provide black and white and color photography in the audio-visual unit. The photographers handled more than 300 assignments in support of the ministry's promotion, teaching and extension programs. In addition, films, video tapes and slide sets produced by OMAF were aired on TV Ontario, cable system stations as well as on agricultural programs on commercial TV stations. □

TECHNOLOGY AND FIELD SERVICES

EDUCATION AND RESEARCH

Major building projects occurred over the year at all five colleges of agricultural technology.

A new initiative was undertaken at the **Collège de technologie agricole et alimentaire d'Alfred (Alfred College)** to improve information services to the franco-Ontarian population. The Centre de ressources agro-alimentaires (Agri-food Resource Centre) was established to provide French language printed information, audio-visual material and access to the college library to the francophone rural population of the province.

Construction on the college's first new structure, a farm mechanics building, was started for diploma and continuing education courses in agricultural engineering and for farm machinery storage.

A meteorological station was established on the campus, useful not only for projects but for regional weather recording, as no station previously existed in the area.

The college's first research project was initiated last year to resolve problems in the drainage of heavy clays and was visited by several international groups.

At the second graduation exercises since the college's opening in 1981, 49 students received their diplomas. This brought the total number of graduates to 86, with 54 in agricultural technology and 32 in foodservice management. Employment opportunities for these bilingual graduates continued to be excellent.

The second phase of the agricultural engineering services building at **Centralia College** was opened in May, providing new classrooms, workshops and offices. Interior renovations and refurbishing of Bruce Hall residence, providing modern accomodation for 185 students, were completed and the building was re-dedicated in November.

Diplomas were awarded to 110 graduates. Employment opportunities, particularly for food service management graduates, were improved over last year. In September, 191 new students and 132 second-year students enrolled for a total of 187 in agricultural business management, 65 in animal health technology and 71 in foodservice management. All but three graduates received instruction in microcomputer operation.

Forty-seven courses in management of the farm business, eight more than last year, were attended by 1,221 farmers, a 10 per cent attendance increase.

Three on-farm research projects were initiated by engineering staff who also provide advisory services to farmers in Bruce, Grey, Huron and Perth Counties. More than 50 per cent of their advisory work was dispensing information to swine, dairy and beef farmers, mainly about new and remodelling structures, environmental control and manure management.

Fifty crop research projects were conducted on white beans, soybeans, canola and rutabagas to evaluate varieties, weed control and cultural practices. Results were used in providing recommendations to western Ontario farmers. Research and demonstrations work will be

consolidated and expanded on the 60-hectare farm purchased in late March.

Close to $2 million in construction was completed or started at **Kemptville College** in 1984-85. Among the major projects: a $1.4 million display arena, a $200,000 ram test station and a $264,000 milk testing laboratory.

A multi-purpose structure with a 100-ft.-by-140-ft. show ring, the display arena is expected to boost attendance at the college's annual open house, already topping 2,500 visitors. The arena will enhance diploma education as well as be a boon to eastern Ontario's agricultural community, which has access to the building for educational purposes.

In the two-year diploma program, 318 enrolled in the fall. Two hundred and twenty-six were in agriculture and agricultural engineering technician courses and 92 were in food service and technology. In its 62nd graduation exercises, the college graduated 127. Twenty-eight of the graduates were in food service and technology and 99 were in agricultural courses.

There were 38 separate research projects at the college during the year, among them the testing of some 200 corn hybrids for yield, lodging and grain maturity. Researchers were also pleased with the late planning results of soybeans, eastern Ontario's fastest growing crop.

Nine of 12 qualified for provincial certification in the first agricultural welder-fitter class. A total of 22 enrolled in the farm equipment mechanic apprenticeship program, with 15 enrolled in the 40-week farm equipment mechanic course. These retraining programs receive federal financial assistance.

Two major building projects were completed at **New Liskeard College** during the year. The education centre occupied in December provides classroom, laboratory and staff office facilities. It also includes a lecture theatre, media centre and a permanent location for the Northern Ontario Agricultural Resource Centre.

Construction was also completed on the Seed Potato Upgrading and Distribution (SPUD) Unit. This facility will provide early generation seed potato stock for the Ontario potato industry.

Twenty-six students graduated this year from the diploma programs in agricultural technology, dairy cattle technology, livestock technology and equine technology. Sixty-two part-time students were also enrolled in on-campus courses.

The college continues to lead the way in research of alfalfa seed production using leafcutter bees. On-going research with intensive pasture management is being re-emphasized with the increased farmer interest in improved pasture utilization. A four-hectare crop testing and demonstration site is being established by the college in the Rainy River district to service crop production interests in the northwest.

A total of 55 applied research projects were carried out by college research staff in field and horticultural crops, soils, livestock and agricultural engineering.

The opening of the agricultural engineering building at **Ridgetown College** last year has provided improved laboratory facilities for teaching and research programs in agricultural engineering. It has given the college permanent facilities for farm welding and farm machine shop practices and accomodation for demonstrations in such areas as farm machinery, hydraulics, farm power and agricultural structures. The building is also the site for the newest diploma education program, the power and equipment major, which registered its second class of students in 1984.

Ridgetown started on renovations to the administration building and construction of a new library that will provide a centrally located library/resource centre double the size of the previous library.

Ridgetown graduated 171 students from its diploma in agriculture programs. Since 1953, a total of 2,684 young men and women have been recipients of diplomas. The total enrolment of diploma students in September was 374—203 junior students and 171 senior students.

The college's communications section co-operated in the production of information videotapes such as on the safe use of pesticides; this was a major means of delivering the pesticides vendors' certification program from which 236 industrial pesticide handlers were registered.

In applied research programs, staff carried out nearly

Students at the Colleges of Agricultural Technology have an advantage in being able to apply their training directly in field conditions.

100 projects in the areas of field and horticultural crop variety selection weed control, livestock nutrition, soil and fertilizer management, agricultural engineering and the economics of food production.

BUSY FOR ENGINEERS

While the requests for information on new farm structures declined during the year, demand for assistance on problem-solving and improving the functionality and productivity of existing livestock facilities increased for the **Agricultural Engineering Service**.

Major province-wide program activities included successful intensive training schools on ventilation of livestock buildings for farmers and farm building contractors, primary and advanced drainage schools for farm drainage contractors and a series of workshops on soil conservation and erosion control for farmers, contractors, engineers and municipal officials. Courses on the Drainage Act were again offered to municipal clerks and maintenance of drainage systems to drainage superintendents.

More than 20 on-farm evaluation projects were in operation during the year. Studies included storage and drying of forages, grains and vegetables, methods of improving the effectiveness of tile drainage systems and tillage equipment and techniques for reducing soil erosion and rearing of orphan piglets using a mechanical sow.

A highlight of the year was the International Silo Safety Conference in November—a first of its kind in North America—drawing speakers and delegates from across Canada and the U.S.

SIXTH RECORD SEASON

The **Ontario Agricultural Museum** completed its 1984 season with a record 62,000 visitors from mid-May to Thanksgiving. Located near Milton, the 32-hectare site contains some 35 buildings and 20,000 artifacts, tools and machines reflecting the history of Ontario agriculture.

An expanded school program resulted in 21,000 students taking part in guided tours of the museum.

A large multi-purpose activity centre was completed as a Bicentennial project. The Gambrel Barn, in size approximately 8,000 sq. ft., will add a new dimension to the museum's programs.

The format of special events continues to attract large numbers of people; for example, a Bicentennial quilt competition was an overwhelming success. The winning quilt was presented to Queen Elizabeth II during her visit to Ontario.

Other special events included the Wonders of Wool, Ontario Agricultural Hall of Fame ceremonies, Craftsmen Day, Threshing Days, Family Corn Festival as well as many other activities.

NEW ONTARIO FRUIT VARIETIES

The production of horticultural crops is being increased constantly. The **Horticultural Research Institute of Ontario** focusses on improving the production efficiency of crops and their use in food and beverage products. It conducts studies at its production and breeding unit at Vineland, the experimental station at Simcoe and the muck research station in the Holland Marsh.

Special emphasis is placed on the breeding of such crops as grapes, tomatoes, clingstone peaches, cherries, plums and winter-hardy ornamentals. The horticultural products laboratory at Vineland Station concentrates on fruit and vegetable processing and storage to enhance our ability to market Ontario produce.

Tayberry, a hybrid between a red raspberry and blackberry, is being grown in trials. It has large, dark red fruit which are excellent fresh, freeze well and make good jam. The plants were overwintered successfully at Simcoe and Vineland last winter and along with the plants grown in the greenhouses at Vineland will be fruiting for the first time this summer.

Dr. Neil Miles examines blossoms of peach trees in a protected environment structure at Vineland.

Two new fresh-market strawberries, Simcoe and Secord, were developed from the strawberry breeding program at Simcoe station. Trial results show that these new cultivars have much firmer and larger fruit than the standard cultivars Veestar and Redcoat but have similar yields. The new cultivars have caused considerable grower interest.

Peaches and kiwi fruit were grown in a protected environment (greenhouse) structure to compare the economic feasibility of using this growing method with field-grown fruit. It was found that the accumulative yield of greenhouse peaches more than doubled, but costs of production almost doubled too. However, the combined factors of increased productivity plus greater value for protected fruit produced out-of-season resulted in a larger gross margin.

Kiwi fruit also did well in a protected environment with a cumulative yield achieved in four years which would take more than eight years to produce in indigenous countries such as New Zealand. Positive findings from these diverse crops indicate that a wide range of fruit crops could be adapted to protected fruit culture.

An 11-year study of three peach varieties found that yields can be improved by as much as 20 tonnes per hectare in more dense orchards with up to 941 trees per hectare. The stiffer production costs to establish high density orchards is estimated to be off-set by substantially larger gross returns from higher productivity.

There was an 80 per cent increase in the number of growers who are using the Integrated Pest Management program at the muck research station in the Holland Marsh. This program substantially reduces the amount of pesticides used to control insects and diseases.

AGRICULTURE IN THE CLASSROOM

In September 1984, approximately 6,000 copies of a resource book, entitled *Helpful Teaching Resources for Food Systems and Agriculture* were distributed by the **Rural Organizations and Services Branch** to all schools and school boards in the province. A newsletter is mailed biannually to keep the booklet and teachers updated.

Under the leadership of 4,800 adult volunteer leaders, 19,787 4-H members enhanced their leadership, communication and life skills. The Ontario 4-H Leaders' committee has taken a lead role in the promotion of one 4-H program in the province and was able to offer a public speaking workshop for 4-H members entitled Future Talk. This group of 20 leaders has acted as an invaluable resource to the ministry in program planning and policy formulation.

This past year, 1,200 youth were employed under the enhanced Experience and Youth Corps Programs. Winter Agricrew was piloted successfully and consumer information officers were placed in four urban locations to deliver material on food safety and nutrition.

Approximately 3,500 consumers across the province attended an educational food and nutrition program, Meat Matters, to increase awareness of the producer-to-consumer story and the value and versatility of red meats in the diet. Leadership programs were held in co-operation with Alfred, Kemptville and New Liskeard Colleges. Other areas continued one-day sessions similar to previous years' Rural Seminars for Vital People.

Branch support for the 232 agricultural societies, sponsoring fall fairs and exhibitions, included $940,000 in grants and 100,000 brochures promoting agricultural fairs. Many fairs chose a Bicentennial theme. The ministry co-operated with the Ontario Plowmen's Association in hosting the International Plowing Match and Farm Machinery Show which attracted 130,000 people to Wellington County Sept. 25-29.

Horticultural societies received $270,000 in ministry grants. The Ontario Horticultural Association promoted allotment gardening in high density living areas. This gardening concept uses empty space, such as hydro corridors, for amateur gardeners to grow vegetables or flowers.

Special events with staff involvement included the 40th anniversary of the Junior Farmers' Association of Ontario, the rural picnic in honor of Queen Elizabeth's visit to Amherstview and the Turning Point Conference for 200 rural women at Geneva Park.

Several school boards participated in a pilot project introducing agriculture to the regular school curriculum.

ADVISORY AND TECHNICAL SERVICES

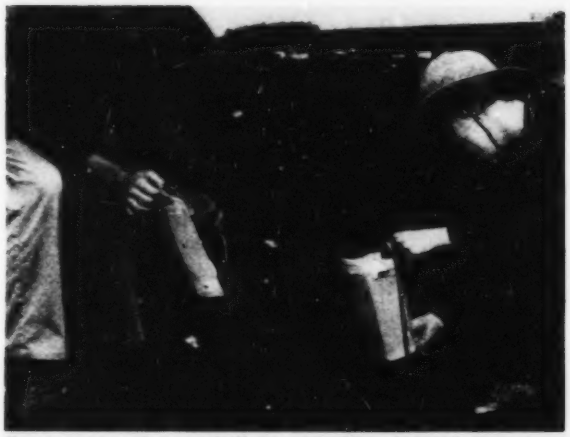
The **Agricultural Representatives Branch**—the "storefront" offering first point of contact and advice to farmers for ministry programs—had another busy year in educational thrusts to assist producers develop better farm management and more viable operations. See Appendix V.

Twenty-seven "management for profit" seminars stressing financial, estate and tax farm management techniques were offered to about 2,700 farmers throughout the province. Approximately 30,000 people attended 700 local meetings as follow-ups.

One hundred and twenty-three five-day farm business courses were provided to 3,600 farmers. Ten seminars were presented to 900 accountants and lawyers featuring the farm tax issues and their implications to farm business organizations and operations. Six one-day farm credit seminars were arranged in co-operation with the agriculture departments of the major lending institutions. Approximately 600 rural bankers attended this series of seminars.

Staff provided local delivery of the Ontario Farm Adjustment and Assistance Program (OFAAP) and the Beginning Farmer Assistance Program (BFAP). Both programs offer financial incentives to farmers to assist them through difficult times.

The Agricultural Computer Extension (ACE) Program was developed to assist with the application of computer technology to the business of farming. This is being done through developing a computer newsletter for distribution to farmers, through factsheets on computer applications, through a checklist to create farmer awareness of computer options and through a co-ordinated curriculum for diploma students at agriculture colleges on farm computer application.



Pest control specialists monitor insect traps as part of the Integrated Pest Management Program.

A rock and wire soil conservation device, gabion baskets are being built here to provide a vehicle crossing through a waterway.

RED MEAT PLAN LAUNCHED

This program is a major thrust of both the Agricultural Representatives Branch and the **Animal Industry Branch**. The Red Meat Plan consists of a complex group of initiatives designed to assist the beef and sheep industries in increasing their productivity and long-term viability. Since it was announced January 1984, 17 red meat advisers have been employed by the ministry to enhance the beef and sheep extension programs. These advisers are in the Agricultural Representatives Branch and work closely with local agricultural representatives and beef specialists for a team approach for the delivery of the Red Meat Incentive Program.

In addition, Animal Industry Branch staff helped to promote the new Ontario Dairy Herd Improvement Corp. Program and the federal Record of Performance Program for dairy cattle. Staff also organized and conducted seminars on dairy cattle genetics in Northern Ontario and on nutrition in southern Ontario as well as held a series of programs on swine genetics.

Grant cheques were first issued on Nov. 21, 1984. In 1984-85, $2,496,532 has been forwarded to participating producers. As of April 1, 1985, 5,168 producers have enrolled in the program selecting 5,860 components; 4,025 cow-calf; 1,201 stocker and feeder; and 695 sheep. For the next four years, the Red Meat Development Plan has been funded with an annual budget of $12.5 million.

The Ontario Dairy Herd Improvement Corp. received $2.6 million from the ministry to support its programs. The corporation and Agriculture Canada now have 64 per cent of all producers on the program. By 1990 it is expected that 80 per cent of all Ontario producers will be on milk recording.

Under the beef Record of Performance Program, 2,145 bulls from 502 breeders were tested an eight per cent increase over 1983. There were 243 herds enrolled in the herd test program. Under the sheep ROP program, 333 breeders carried out home testing on 18,210 rams and ewes. Ninety-two breeders tested 476 rams at the ministry's stations in Arkell, Kemptville and New Hamburg. There were 205 swine breeders on ROP home testing with 13,373 boars and 33,337 gilts. The number of breeders on station testing was 94.

The Swine Herd Health Policy enrolled 195 swine herds with 20,350 sows. About 2,100 post-mortem exam-

inations were made to provide the basis for classification of herd health. The veterinarians made 500 farm visits on this policy.

The Veterinary Assistance Policy for Designated Areas provided $478,000 to support veterinary services to 18,558 livestock calls. As well, the ministry continued to operate a veterinary practice at Kapuskasing serving the area between Cochrane and Hearst.

During the year, under the Animals for Research Act, 147 major research locations were designated on 86 registration certificates. There were 317 unannounced inspections to ensure adequate care was provided to research animals. There were 626 inspections of 214 pounds.

One thousand two hundred and fifty-one unannounced inspections were made at 411 establishments licensed under the Riding Horse Establishment Act to ensure the animals received adequate care. Another 1,434 inspections were conducted on 733 premises licensed under the Livestock Medicines Act.

There were 21,714 certificates filed for brucellosis calf vaccine during the year. The branch provides free supplies and vaccines for vaccination of heifer calves as part of the brucellosis control program.

The branch also conducted a series of dairy nutrition workshops, beef cow-calf courses and seminars for owners of riding horse establishments. The 16 livestock specialists and three veterinary disease consultants conducted about 22,000 consultations with livestock producers and industry personnel. The branch prepared about 400 articles for newspapers, magazines, radio and television.

PEST CONTROL

The **Plant Industry Branch** focussed on pest management this past year. The pest management section is responsible for maintenance of Integrated Pest Management (IPM) programs which have become a vital component in the production practices of many Ontario growers of horticultural and field crops.

Growers have been actively seeking new ways to control pests, given the decrease in the number of effective pesticides, problems with pesticide resistance and changes in the pest complex. IPM provides more effective pest control with a minimum use of pesticides by monitoring pest activity and predicting accurate timing if controls are necessary. Pest control techniques may also involve the use of cultural and biological control techniques augmented by pesticide treatments.

Because of IPM's importance to the agricultural community, the branch has committed an additional five full-time pest management specialists to maintain current programs and expand the implementation of these programs to various agricultural commodities.

Agroclimatology Program activities have focused on the expansion of weatheradio, farm weather forecasting, conversion of OMAF-operated weather stations from manual to automated, a co-operative seasonal rainfall recording project with county soil and crop improvement associations, and the preparation of factsheets on weather/climate subjects.

The Agriculture Energy Centre helps farmers develop energy-efficient production techniques and alternate energy sources. The Greenhouse Energy Efficiency Incentive program assists growers with the cost of retrofitting greenhouses with energy-conserving technology. Under this five-year $5 million program, jointly funded by OMAF and the Ministry of Energy, 136 projects were completed.

Other sections administer the Weed Control Act in co-operation with local municipal weed inspectors and co-ordinates soil and plant-related publications, prepare soil resource maps and provide technical assistance and production recommendations to producers of all crops grown in the province.

Fourteen soil conservation advisers were added to the soil management section which trains ministry and other agency staff and consulting engineers and contractors.

Altogether 325 soil erosion control devices and 450 manure storages were constructed with financial assistance from the ministry through the five-year, $25.5 million Ontario Soil Conservation and Environmental Protection Assistance Program.

Information is given to farmers about alternate tillage and cropping practices through speeches, on-farm demonstrations and tours.

COMPLETE TESTING

The **Agricultural Laboratory Services Branch** continued to provide research, monitoring and advice to assist producers in their day-to-day production planning as well as to ensure good food quality and improve industry production capability.

Agri-Food Laboratories, a division of Griffith Laboratories, through a contract with the ministry, provides analysis of soil, feed and fruit leaf for nutrient requirements. Since the contract came into effect Sept. 1, the laboratory has performed analyses on 69,239 soil samples, 4,762 livestock feed samples and 1981 fruit leaf samples. Between April 1 and Aug. 31, sample analyses were performed by the University of Guelph and 25,985 samples and 1,626 livestock feeds were processed.

The pest diagnostic and advisory clinic operated through environmental biology at the University of Guelph has provided advice to 3,719 persons and has diagnosed pest damage on 2,398 specimens during the year.

The pesticide laboratory, operated directly by the ministry, performs four functions: analyzing for pesticides, industrial organics, toxic metals and checking for food quality and composition. A total of 17,490 analyses was performed for pesticides and 3,316 for industrial organics, in monitoring and conducting research on food, soil, air and water samples and supporting the Pesticide Act. The laboratory performed 850 analyses for toxic metals in the implementation of the program on the utilization of sewage sludge. In support of the Oleomargarine and Edible Oil Products Acts, 140 samples were received and 560 analyses were performed. See Appendix IV.

ONTARIO AND INDONESIA

A Canadian International Development Agency project in Indonesia was established, with support from the **Veterinary Laboratory Services Branch**, to construct and equip a veterinary diagnostic laboratory and provide technical assistance and training. The six-year project is expected to increase the efficiency of livestock production for the Indonesian small farmer and to improve veterinary diagnostic and investigative services as well as information systems for better treatment and control of animal diseases in Java.

Ministry activities include recruiting and supervising Canadian consultants, obtaining Canadian equipment, overseeing design and construction of all Canadian-financed structures and arranging for a maximum of 25 person-years of training. One Indonesian veterinarian is in a post-graduate program at the University of Saskatchewan and two others started at the University of Guelph.

The branch administers six laboratories located at Brighton, Guelph, Huron Park, Kemptville, New Liskeard and Ridgetown, providing diagnostic, investigative and consultative services to the livestock industry, the veterinary profession and other ministry programs.

Specimens are received from all species of livestock including poultry, and from companion animals. In 1984, 1,465,412 procedures were carried out on 410,297 specimens from 54,538 consignments. See Table 1.

Staff consulted on a daily basis with veterinary practitioners, livestock owners and others who need help with animal disease and related problems. There were more than 8,000 office consultations, 26,000 by telephone and over 90 field consultations.

The laboratory staff at Kemptville, Huron Park and Ridgetown provided classroom laboratory instruction in animal health to students. At Guelph, the professional staff—most are associate faculty of the university—were involved in both the undergraduate and graduate teaching programs at the Ontario Veterinary College. Staff took part in 353 veterinary and livestock industry meetings at the local, provincial, national and international levels.

Branch laboratories dealt with poultry health problems both in the field and in the laboratory. Test procedures under the Ontario Hatchery and Supply Flock Policy were carried out at the Guelph laboratory. The Fur Farms Act provides for the licencing of operators of fur farms. In 1984, the branch issued 285 licences for the production of 557,437 mink pelts and 3,897 fox pelts for a total value of near $23 million.

TABLE 1

Laboratory	No. of Consignments 1983	1984	No. of Specimens 1983	1984
Brighton	4,278	4,232	39,433	37,445
Guelph	35,223	35,590	243,248	262,14[illegible]
Huron Park	4,090	3,894	44,427	40,48[illegible]
Kemptville	5,894	5,882	49,694	42,93[illegible]
New Liskeard	2,048	2,130	10,698	8,439
Ridgetown	3,188	2,810	17,749	18,844
	54,721	54,538	405,249	410,297

The branch provides consulting services annually to operators and industry representatives for the detection and control of aleutian disease (a viral immunological disorder) in the breeding herd population of ranched mink.

In 1984, the focus of the program was to identify and eradicate infected animals and prevent their distribution as breeding stock. Tested were 45,057 samples from 48 farms. To identify fur farms free of this disease, a mink registry has been developed by the Ontario Fur Breeders' Association. Currently, there are four Ontario fur farms providing disease-free mink for sale as breeding stock. □

Veterinary services laboratories are equipped with the latest technology. This computerized bacterial identification system at the Guelph laboratory is the only one of its kind in Canada.

FINANCE AND ADMINISTRATION

NEW ASSISTANCE PROGRAM

Farmers' continuing need for short-term credit prompted the creation of a new program from the **Farm Assistance Programs Branch**. A new guarantee for operating credit from approved lending institutions was introduced under the Operating Loan Assistance Program (OLAP).

The earlier operating loan guarantees under the Ontario Farm Adjustment Assistance Program (OFAAP) are to be phased out over three years. OLAP and OFAAP interest rebate options were extended to Dec. 31, 1985. OFAAP provided assistance to more than 1,600 farmers during the year.

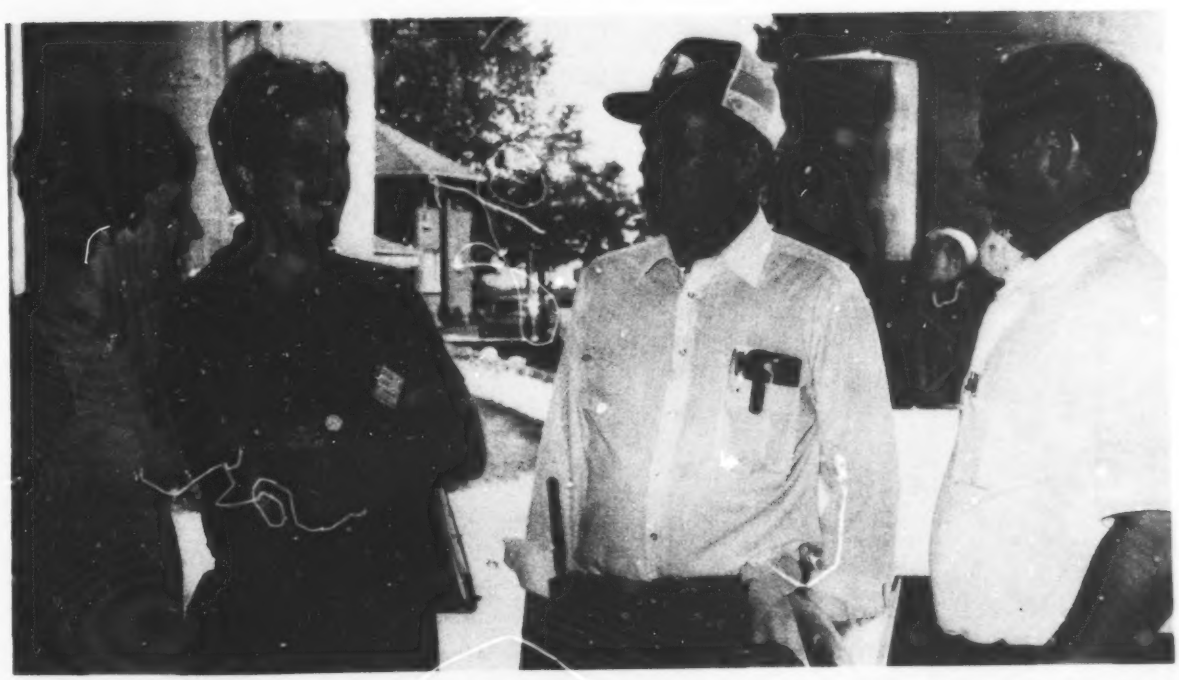
Total expenditures for the Ontario Farm Tax Reduction Program were $94,138,116. The program returns 60 per cent of property taxes paid by qualified owners of farm-assessed land. Rebates were issued on 153,670 properties.

The Beginning Farmer Assistance Program (BFAP), introduced in May 1983, accepted 860 first-time farmers during the year. They received rebates of up to 5 per cent on interest payments on loans. Rebate payments for the year totalled $3,648,449. The total of all loans registered in the program was $174,478,205.

The Ontario Young Farmer Credit Program provides in-depth farm financial management counselling to young farmers. Guarantees of intermediate term credit are provided to lenders for applicants who are recommended for loans. Over the year, 44 applicants received loan recommendations for a total of $3,013,680.

The branch administers 16 livestock assistance programs. Under the Dog Licensing and Live Stock and Poultry Protection Act municipalities are reimbursed for paying farmers for livestock and poultry losses due to wolves. Honey bee colony owners are also recompensed for damage to their colonies and hives by bears. Payments under the program amounted to $206,430 this year. The Rabies Indemnity Program, reimbursing farmers for animals that die from rabies, accounted for $184,942. The remaining livestock assistance programs provided compensation to the agricultural community in the amount of $305,387.

Farm partners John and Rosemary Anderson find crop insurance an effective way to reduce management stress and protect their future.



Organized farm tours every year give bankers across the province a better understanding of farm business.

FEWER CLAIMS

Most Ontario crops experienced conditions that were better than average in 1984. Claims to the **Crop Insurance and Stabilization Branch** were fewer, although some crops and areas suffered significant losses. Apple, processing tomato, grape, peach, plum and seed onion plans had above-average losses arising from winter injury, frost, pollination, hail or wind. The winter wheat crop, particularly in Essex County, had severe winterkill losses. There were 6,500 claims for approximately $15 million. Almost $25 million was removed from the crop insurance commission's deficit.

The Canada-Ontario Crop Insurance Program covered 49 crops on 1.97 million acres and 32,195 contracts. The total insurance value was $483.2 million, with a premium income of $42.18 million. The federal government contributed one-half or $21.09 million of these premiums.

Apples, barley, corn, soybeans, white beans, winter wheat and sow weaner plans are offered on a voluntary basis by the stabilization commission. The Ontario government's two-thirds share of barley, corn, soybean, white bean, sow-weaner and winter wheat payments was $7.79 million.

Producers participating in these stabilization programs are required to register expected sales and to pay advance fees equivalent to an estimated one-third of the expected payouts.

Stabilization payments are made on registered production when producer returns fall below 95 per cent of the previous five-year average price. This average includes changes in cash costs of production. □

For Summaries of Ministry Revenues and Expenditures for fiscal year 1984-85, see Appendices IX and X.

MARKETING AND DEVELOPMENT

NEW EXPORT ACTIVITIES

The Export Expansion Program of the **Market Development Branch** was given the go-ahead to assist Ontario agriculture and food exporters get greater access to the U.S. market. To date, U.S. sales account for almost $1 billion.

The two components of the program are the U.S. export marketing section with offices to open in New York, Philadelphia, Chicago, Los Angeles and Dallas and the export commodity marketing group in Toronto for sourcing and recruiting. Programs are expected to be fully operational by mid-1985.

The export marketing group was quickly off-the-mark with first-time participation in three different U.S. trade shows: Ontario flowers, greenhouse and nursery products were featured at a Produce Marketing Association exposition in Washington, D.C. in October and both the United States International Food Show in New York and the International Fancy Food Show in Washington showcased Ontario grocery and gourmet food products.

Ontario white pea beans achieved projected sales of nearly $10 million following a unique conference of buyers and sellers at England's Leeds Castle in November. Opportunities in primary agriculture also abound in the vast China market now that Ontario made a first sale of 100,000 doses of bovine semen in March 1985.

During the year, 36 trade missions, including 10 trade shows, were sponsored by the ministry. An estimated

Promotion of Ontario produce is a ministry strategy aimed at replacing imports wherever possible.

$97 million in new export sales resulted from these missions around the world by 179 Ontario food companies. In addition to sending missions abroad, the ministry hosted 22 visiting delegations, involving 74 foreign companies, resulting in about $8.5 million worth of Ontario products sold.

Thirty-three projects were completed through the Export Sales Aid Program. Funding totalled $274,346 for a projected sales benefit of more than $15 million. This assistance pays up to half the cost of producing export brochures, printing foreign labels, and reformulating products to comply with import requirements.

FOODLAND ONTARIO

The major thrust of Foodland Ontario, the domestic marketing program of the ministry now in its seventh year, was six major commodity promotions (strawberries, lettuce, peaches, apples, juices and frozen vegetables). The promotions included consumer advertising, retail programs, trade support and public relations activities.

Greater contact with the foodservice trade was pursued with a new brochure and information kit on frozen vegetables.

Publicity was gained through increased media contact achieved by a product drop-off to Toronto radio stations during the juices promotion. As well, four new recipe brochures were published and Foodland Ontario hosted two days of an Ontario gastronomic tour for France's food journalists. New this year was the production of an audio/visual presentation, A Growing Business, which highlighted the magnitude of Ontario's agricultural industry.

Through a shared-cost program, 29 marketing boards and associations received a total of $682,600 in financial support from Foodland Ontario to assist in promoting or researching Ontario foods. This year the maximum funding allowed per group was increased to $66,000.

VALUE-ADDED PRODUCTS

The **Food Processing Branch** continued to play a leading role in the development of an efficient food processing sector in Ontario through the BILD Food Processing Assistance Program and through industry counselling.

The objective of the branch is to increase the value-added processing of Ontario agricultural products to replace imports, for export expansion, for increased agricultural production in Ontario and the creation of jobs.

Through the Food Processing Assistance Program, more than $13.5 million was committed to 15 projects across Ontario to develop more processing capacity for agricultural products. Private sector investment in these projects was nearly $70 million for a net investment in Ontario of $83.5 million. Over the past year, assistance was provided to projects as diverse as manufacturing tomato paste and processing onions.

As part of the counselling by the branch, sector studies have been undertaken in areas like fruit and vegetables, grains and oilseeds, meat and fish and food distribution.

The branch now has staff with expertise in food ingredients, processing technologies and new product development. Staff continued to participate in the development of the Red Meat Plan, as members of the Processing Strawberry Research Corp. and a variety of other associations and committees.

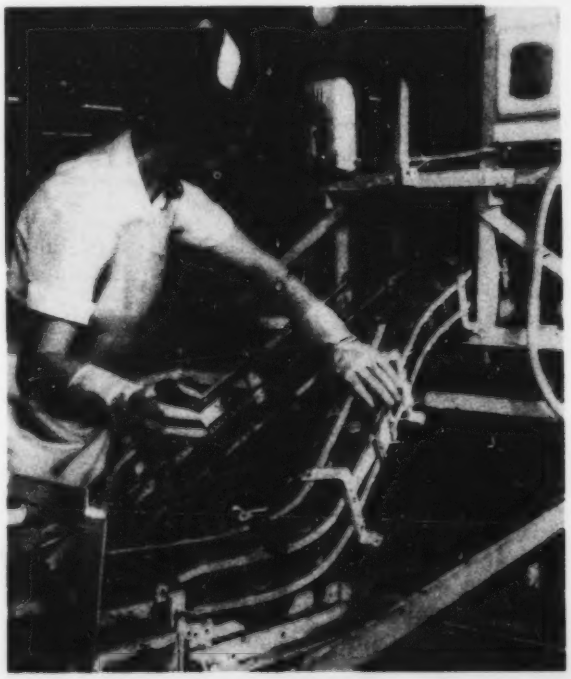
ISSUES DISCUSSED

During the year, the **Farm Products Marketing Branch** held over 65 official meetings to address producer and processor concerns, and discuss issues of national and provincial importance to the more than 80,000 producers of regulated commodities in the agricultural and food industry.

Approximately 50 commodities with an estimated farm value of $3.07 billion were covered by marketing plans in Ontario in 1984-85.

There are presently 24 marketing plans in Ontario of which 22 are supervised by the Farm Products Marketing Board, and two dealing with milk and cream supervised by the Milk Commission of Ontario. Both bodies are administered by the branch.

The milk commission took the lead in discussions with the dairy industry on making changes to the structure and levels of fees for a fund for milk and cream producers. The changes will become effective in the new fiscal year. The fund, administered by the milk commission for the protection of dairy producers against payment default by dairy processors, had two claims during the year. The claims were quickly recovered with no money actually paid out. The balance in the fund at the end of the fiscal year was $1,422,756.



The ministry's food processing initiatives are aimed at increasing the value added processing of Ontario agricultural products.

QUALITY AND STANDARDS

Property rights of Ontario farmers storing grain in elevators are safeguarded now under the new Grain Elevator Storage Act, administered by the **Fruit and Vegetable Inspection Branch**.

Effective in July 1984, the act was revised to clarify producers' rights by ensuring that the grain producer retains ownership until he receives payment for sale of his stored crop.

In October, a second program was announced to protect grain corn and soybean producers from defaults on payments by licensed dealers and shortfalls in storage. Under the Grain Farmers' Financial Protection Program, the branch undertakes the licensing of dealers and the responsibility for enforcement of the program. Producer fees (10 cents for each tonne of corn or soybeans sold) go into a fund which provides up to 90 per cent compensation on a claim.

More that 37,000 inspections of fresh fruit, vegetables, honey and maple products were carried out in the year. In addition, 13 grading and testing programs were provided for the processing fruit and vegetable and tobacco sectors generating revenue of $987,608. These cost recovery programs provided a means of determining the payment for crops worth more than $400 million while ensuring quality. (See Appendix II-1). Compulsory labelling of maple syrup for grade and color class was adopted for the 1985 crop to improve consumer confidence and demand for Ontario syrup.

The branch administers the Ontario Storage and Packing Assistance Program which provided grants totalling $2.9 million to 215 fruit and vegetable producers and packers during the fourth year of its operation.

Apiary inspectors examined 32,598 colonies for American foul brood, which was found in 495 colonies. The branch also developed a monitoring program for the presence of acarine disease in bees. See Appendix II-2.

WORLD CLASS TESTING

The new Central Milk Testing Laboratory, operated by the **Dairy Inspection Branch**, opened officially last October incorporating the latest technology for the testing of all fresh milk produced in the province for composition and quality.

The lab tests fresh milk samples collected from every farm in the province every other day for producer payment and processor billing. The milk is also tested on a regular basis for bacterial count, antibiotics, somatic cells and added water. Somatic cell and milk composition standards were prepared and shipped quarterly to customers in more than 90 laboratories, generating $104,717 in revenue. See Appendix I - 4.

The milk and cream quality program is charged with improving the quality of raw milk and cream for processing. This is done through farm premises inspection, follow-up calls checking substandard milk quality and laboratory analysis of raw milk sold to processing plants. Cream assistance from BILD during the year for the purchase of milk containers, cream processing equipment and farm coolers totalled $9,956. See Appendix I-1 & 2.

About 190 plants were inspected and given assistance with technical problems. Audit staff verified milk utilization in dairy plants to ensure that milk and cream producers were paid properly. The branch also issued more than 2,000 licences and certificates under the Milk Act for processing plants, distributors and dairy workers. Permits were also issued to build new plants or to alter old ones. See Appendix I - 3.

FEES REDUCED

Fees to the livestock producers financial protection fund for sellers of livestock were reduced by half under the Beef Cattle Financial Protection Program, administered by the **Livestock Inspection Branch**.

Buyer, seller and, where applicable, an agent, each pays 10 cents per head (previously 20 cents/per head) per transaction to protect producers and licensed dealers from payment default by licensed livestock dealers.

During the year, 442 licensed dealers were required to demonstrate financial responsibility, to pay promptly for cattle purchased and to submit fees.

There were 295 plants licensed under the Meat Inspection Act (Ontario) in 1984. Meat inspection service is provided in these plants to protect public health. During the year, 1,089,472 red meat carcasses and 8,781,338 poultry carcasses were inspected and approved. See Appendix III-1 & 2.

Suspect animals are inspected for inhibitory substances (antibiotics) and are condemned if residues are found. An ongoing survey for the presence of trichina in hogs has failed to show any evidence of this parasite in Ontario. The Dead Animal Disposal Program protects the public from being sold meat from animals that have died from diseases or causes other than slaughter. See Appendix III- 4.

To protect livestock health, all animals sold at livestock community sales are inspected by veterinary inspectors before the sale. Some 65 licensed community sales conducted 2,549 sales of 1,408,511 animals. All livestock community sales in the province are licensed. Sale facilities must comply with structural and sanitary requirements. Sale operators are bonded to protect those who ship cattle to the sale barn. See Appendix III - 3.

During the year, 188 charges were laid as a result of investigations carried out by the **investigative unit** for offences against the various acts administered within the Quality and Standards Division.

The unit is engaged in the primary enforcement of the Dead Animal Disposal Act, the Oleomargarine Act, the Edible Oil Products Act and the Live Stock and Live Stock Products Act. Investigations are conducted into suspected violations of the Meat Inspection Act which, along with the Dead Animal Disposal Act, is designed to protect the food people eat.

The unit is called upon by various branches of the ministry to investigate applicants suspected of fraud in connection with applications for financial assistance and claims for crop insurance. As a result of these investigations, five fraud-related charges were laid.

FOODLAND PRESERVATION AND IMPROVEMENT

The Food Land Guidelines—the Ontario government's policy to preserve prime agricultural land—are the main responsibility of the **Foodland Preservation Branch**. Municipalities are required to adopt the provisions of the policy in their official plans and make the protection of farmland a priority in their land use planning decisions.

During the year, the branch reviewed the following land use planning and development proposals for compliance with the guidelines: 49 official plans, 409 official plan amendments, 181 plans of subdivisions, 426 zoning bylaws, 47 zoning order amendments, 5,229 severance applications, 18 municipal annexations, 53 Niagara Escarpment Commission permits, 57 gravel pit licence applications and 65 environmental assessments for public projects.

Staff served as expert witnesses at 40 Ontario Municipal Board hearings to support compliance with the policy. Major hearings involved Brampton's offical plan and official plan amendments in Caledon and Whitchurch-Stouffville. Agricultural land use planning expertise was also provided on the Parkway Belt Steering Committee, the Niagara Escarpment Plan, the Ontario Pipeline Coordinating Committee and on-site selection for industrial waste disposal facilities.

A complete review of the Food Land Guidelines was initiated to develop a new foodland preservation policy statement to be issued under the Planning Act. In addition, a comprehensive review of the code of practice was undertaken during the year.

Under the Farm Lease Program, the branch advised on the leasing of about 50,000 acres of government-owned land to 500 farmers.

Total non-resident interests continued to remain at about one per cent of Ontario's agricultural land. The Foodland Preservation Branch is responsible for monitoring the extent of non-resident ownership of farmland. During 1984, there were 7,455 acres of farmland acquired by non-residents while 15,166 acres of registered interests were cancelled because the owners had become residents of Ontario or had disposed of their interests. See Non-Resident Agricultural Land Interests Registration Act, Appendix VI.

NEW NORTHERN PROGRAM

To encourage further development of the agricultural potential in Northern Ontario, AgriNorth was announced in June 1984. This five-year $10 million program, jointly funded by the Ministries of Agriculture and Food and Northern Affairs, is administered by the **Capital Improvements Branch**. During the fiscal year, grants of $600,000 were made to 294 farmers in Northern Ontario.

To improve agricultural land, the branch makes drainage grants available to Ontario municipalities and oversees the lending of money to farmers for drainage. During the year, 2,228 grants totalling $8,462,343 were made to municipalities. In unorganized municipalities, payments were made on 31 drains. See Appendix VIII—Tables 2 & 3.

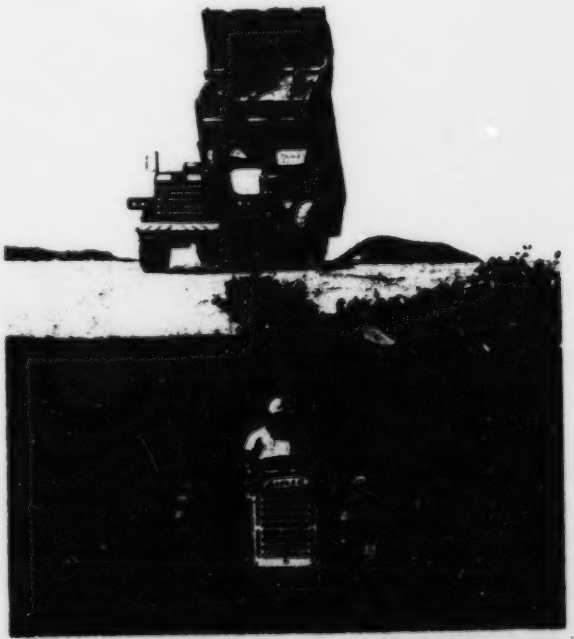
Municipalities issue debentures to the Treasurer of Ontario and lend the money to farmers to finance the tile draining of agricultural lands. In 1984-85, loans totalling $23,529,600 at 8 per cent annual interest were made for 3,252 drainage projects. The maximum loan per individual was $20,000. See Appendix VIII—Table 1.

Courses were also offered in drainage administration and contracting. Municipal officials, drainage superintendents and tile drainage machine operators attended branch courses and seminars. The Ontario Drainage Tribunal settled 66 complaint cases; two part-time branch inspectors performed 291 spot checks on licensed contractors.

The Eastern Ontario Apple Tree Replanting Program assists growers cover costs in replacing trees killed by winter frost in 1980-81. In its second of three years, it spent the entire annual budget of $300,000. The Ontario Seasonal Housing Assistance Program was extended to March 31, 1986 under the federal-provincial Agricultural Employment Development Agreement. This program helps farmers provide approved housing for seasonal workers. During the year $365,000 was paid to 77 farmers.

The Community Pastures Program is designed to demonstrate sound pasture management techniques to local livestock producers. In total, 347 farmers pastured 5,836 cattle on the 12 pastures in operation. A total of 2,734 mortgage loans to farmers with a value of $37 million remain in force from the Junior Farmer Establishment Loan Corporation Program which ended in 1969. During the year, 126 loans were discharged.

The agricultural resource inventory township map series, which shows farmland use and tile drainage, is updated annually to show all new tile installations. The branch is also preparing a computerized version of both map series. □



Cherry orchard land is being restored from extractive industrial uses as called for in the revised Food Land Guidelines.

APPENDIX I - 1

DAIRY INSPECTION BRANCH
MILK QUALITY PROGRAM

Raw Milk Quality—On December 31, 1984 there was a total of 10,746 producers producing milk (GROUP I—9,723; GROUP II—1,023). All milk produced had to meet the same Grade A quality standards.

Bacteria Count x 1000	0-9	10-19	20-49	50-74	75-99	100
Number	63,884	29,228	22,932	4,796	2,435	5,605
Per cent	49.6	22.7	17.8	3.7	1.9	4.3

The Somatic Cell Count measures the number of somatic cells or leucocytes in milk. The provincial average for 1984 was 346,418 cells/ml of milk.

Somatic Cell Count x 1000	0-299	300-499	500-799	799
Number	58,970	36,005	14,992	3,978
Per cent	51.7	31.6	13.2	3.5

Test for Inhibitors—Each producer's milk is tested once a month for inhibitors. In addition, most loads of milk are checked by plants. The producer samples on loads suspected of containing inhibitors are also checked. Only 264 samples or 0.205 per cent were found to be positive.

Added Water—The milk of every producer is routinely monitored for added water. A total of 450 samples suspected of containing added water were rechecked by a follow-up procedure and 98 were found to contain added water.

APPENDIX I - 2

NUMBER OF QUALITY PENALTIES

	January - December 1984	
Bacteria penalties	$1.00/hl	970
	$3.00/hl	291
	$5.00/hl	168
Inhibitor penalties	$2.00/hl	212
	$4.00/hl	26
	$6.00/hl	3
	$8.00/hl	1
Added water penalties	$2.00/hl	63
	$4.00/hl	12
	$6.00/hl	5
	$8.00/hl	1

APPENDIX I - 3

LICENCES ISSUED JUNE 1, 1984 to MAY 31, 1985

Fluid	Number
Processor-distributor	60
Non-processor-distributor	156
Agent distributor	335
Warehouse-distributor	13
TOTAL	564
Types of Manufacturing Plants	
Creameries	22
Cheese factories	65
Concentrated (including fluid by-product)	15
Ice-cream manufacturing	27
Milk receiving	9
Reprocessing and packaging	21
TOTAL (190 plants licensed)	159
Wholesale oleomargarine	155
Manufacturers of oleomargarine	11
Wholesale edible oil products	75
Manufacturers of edible oil products	13

APPENDIX I - 4

CENTRAL MILK TESTING LABORATORY

WORK LOAD (April 1, 1984 - March 31, 1985)

Description	Number of Samples	Number of Analyses
TESTING UNDER 3-PARTY AGREEMENT		
Official Fresh Milk Testing (Mar. 1-31/85)	43,200	172,800
Official composite samples (Apr. 1/84-Feb. 28/85)	241,330	723,990
Repeat tests	22,322	66,966
Preparation and testing of calibration milks (in lab use)	6,461	19,383
Preparation and testing of control milks (in lab use)	7,707	23,121
Preparation and testing of standard solutions	6,484	19,452
Statistical repeats	11,259	33,777
Service samples	4,373	13,119
Milk fat (Mojonnier test)	2,400	2,400
Protein (Kjeldahl test)	1,922	1,922
Lactose (polarimetric)	1,743	1,743
Freezing point	35,852	35,852
Turbidity tests	977	977
Phosphatase tests	680	680
Random samples	614	614
Preparation and testing of calibration samples for research, U of G, dairy plants and DHIC laboratories	41,258	41,258
Standard comparison samples prepared	320	320
Acid degree determinations	558	558
Special requested miscellaneous samples (fat, protein, lactose)	1,270	1,270
Other samples tested	181	181
Goat milk samples & miscellaneous tests	1,268	1,268
Calibration for Multispec Trial	2,220	2,220
Sub total	434,399	1,163,871
TESTING FOR REGULATORY FUNCTIONS		
Package milk products	8,392	8,392
Freezing point	6,442	6,442
Total Solids	702	702
Milk grade tests	3,572	3,572
Cottage Cheese Grade Test	127	127
Electrophoreses—goats milk	72	72
Coulter Counter	109,671	109,671
Micro biological tests	1,184	1,184
Somatic Cell Control	243	243
Calibration samples for Coulter counter	10,143	20,286
Quality Testing—Bacteria	10,800	10,800
(Mar 1-31/85) Coulter Counter—Somatic Cells	10,800	10,800
Inhibitors	10,800	10,800
Control for Milk		
—Bacteria	7	7
Somatic Cells	72	72
Standard Disc Assay	103	103
Vial Sterility Check	41	41
Cottage Cheese Bacteriology	54	54
Petrifoss Comparison	15	15
Sub total	173,240	183,383
TOTAL	607,639	1,347,254

APPENDIX II - 1

FRUIT & VEGETABLE INSPECTION BRANCH
SUMMARY OF REVENUE

LICENCES	1984/85	1982/83	1983/84
Controlled atmosphere storage	$ 984	$ 988	$ 991
Nursery operators and dealers	192	189	192
Produce dealers	12,950	12,275	12,404
TOTAL	$ 14,126	$ 13,452	$ 13,587
GRADING SERVICES			
Apple	$ 5,386	$ 7,075	$ 7,476
Asparagus	10,274	5,002	3,717
Bean (Green & Wax)	8,156	12,925	8,432
Cherry	28,705	32,929	24,595
Cucumber	3,759	3,190	2,674

LICENCES	1984/85	1982/83	1983/84
Grape (juice)	828	795	506
Grape (wine)	21,921	20,072	22,934
Lettuce	6,781	2,751	7,909
Pea	4,481	4,054	2,151
Potato	45,197	28,830	41,360
Tobacco (burley)	5,785	8,056	6,462
Tobacco (flue-cured)	16,996	18,266	22,057
Tomato	829,336	622,737	601,344
TOTAL	$987,608	$766,682	$751,617

APPENDIX II - 2

ONTARIO APIARY INSPECTION AND REGISTRATION FOR 1984

County	Apiaries Inspected	Apiaries Diseased	Colonies Inspected	Colonies Diseased
ALGOMA	26	2	104	4
BRANT	77	10	617	13
BRUCE	35	7	387	16
COCHRANE	4	-	87	-
DUFFERIN	24	5	296	15
DUNDAS	19	2	375	2
DURHAM	127	8	1323	23
ELGIN	77	4	666	14
ESSEX	23	2	102	8
FRONTENAC	17	2	135	2
GLENGARRY	11	1	105	1
GRENVILLE	89	3	446	5
GREY	69	5	520	23
HALDIMAND-NORFOLK	131	4	2211	20
HALIBURTON	14	-	52	-
HALTON	37	10	331	28
HAMILTON-WENTWORTH	227	11	2022	15
HASTINGS	170	12	2014	37
HURON	55	2	610	8
KENORA	-	-	-	-
KENT	10	-	28	-
LAMBTON	6	1	74	2
LANARK	40	2	217	3
LEEDS	62	2	378	11
LENNOX/ADDINGTON	73	2	367	2
MANITOULIN	16	-	47	-
MIDDLESEX	151	6	1291	9
MUSKOKA	19	1	97	3
NIAGARA	156	7	1839	13
NIPISSING	1	-	21	-
NORTHUMBERLAND	113	1	1165	1
OTTAWA-CARLETON	133	10	933	16
OXFORD	69	2	770	3
PARRY SOUND	20	-	100	-
PEEL	66	11	671	23
PERTH	88	11	892	37
PETERBOROUGH	52	-	550	-
PRESCOTT	36	1	278	1
PRINCE EDWARD	104	3	1142	4
RAINY RIVER	25	-	306	-
RENFREW	143	5	717	7
RUSSELL	33	4	219	4
SIMCOE	106	-	1258	-
STORMONT	30	1	483	1
SUDBURY	23	3	133	15
THUNDER BAY	118	-	610	-
TIMISKAMING	-	-	-	-
VICTORIA	148	2	1764	25
WATERLOO	130	19	1217	69
WELLINGTON	14	2	287	9
YORK	170	2	2341	3
TOTAL	3387	188	32,598	495

APPENDIX III - 1

LIVESTOCK INSPECTION BRANCH
SUMMARY OF RED MEAT CARCASSES – 1984

Steers	70,657
Heifers	64,285
Cows	11,908
Bulls	7,042
Calves	63,857
Market hogs	368,728
Sows	7,511
Boars	3,977
Stags	181
Ridglings	481
Sheep	27,603
Lambs	82,266
Goats	15,846
Other (buffalo, deer, etc.)	83
Rabbits	365,277

APPENDIX III - 2

SUMMARY OF POULTRY CARCASSES – 1984

Chickens	7,701,155
Fowl	503,035
Turkeys	123,325
Ducks	16,837
Geese	22,638
Quail	390,035
Pheasants	21,376
Pigeons	373
Guinea Fowl	1,631
Other (Pigeons, etc.)	513

APPENDIX III - 3

COMMUNITY SALES

January 1 - December 31 – 1984, 1983, 1982 & 1981

	1984	1983	1982	1981
Cattle sold for slaughter	312,768	332,746	329,527	337,279
Cattle sold back to country	291,486	304,816	317,748	320,885
Calves	199,748	203,502	200,873	194,934
Hogs	547,248	618,207	641,941	794,399
Horses	6,101	6,140	6,803	6,140
Sheep, Lambs and Goats	51,160	52,673	50,353	42,119
TOTAL ANIMALS	1,408,511	1,518,084	1,546,582	1,696,419
Licences issued	65	60	67	69
Special licences	58	48	44	40
Sales conducted	2,549	2,651	2,796	2,991

APPENDIX III - 4

DEAD ANIMAL DISPOSAL ACT

Number of Dead Animals Collected – 1984, 1983 & 1982

	1984	1983	1982
Cattle	38,437	38,733	41,442
Calves	76,372	76,960	74,435
Horses	2,557	2,470	2,237
Swine	112,753	104,546	98,929
Sheep & lamb	3,731	3,731	4,642
Goats	866	840	952
Other	77	826	539

APPENDIX IV

PROVINCIAL PESTICIDES RESIDUE TESTING LAB

Distribution of Chemical Analyses Performed for Ontario Government Ministries 1984-85

	OMAF Internal	U. of G.,[2] & Env. Canada	Environment	Natural Resources	Health, Transportation & Communications, & Ont. Hydro
Animal Origin					
Insecticide	474	2,083	41	106	254
Fungicide	55	0	0	0	0
Herbicide	11	0	4	2	23
Organo pollutants	119	2,318	1	53	286
Metals & non metals	200	150	0	0	1
Subtotal	859	4,551	46	161	564
Vegetable origin					
Insecticide	1,132	335	65	16	0
Fungicide	1,102	430	71	0	0
Herbicide	1,901[3]	17	498	45	22
Organo pollutants	17	30	0	0	0
Metals & non metals	164	0	13	0	0
Sub total	4,316	812	647	61	22
Mineral origin					
Insecticide	679	380	552	0	5
Fungicide	115	42	105	0	0
Herbicide	4,511	176	1,870	222	147
Organo pollutants	76	390	26	0	0
Metals & non metals	314	0	12	0	0
Subtotal	5,695	988	2,565	222	152
GRAND TOTAL	10,870	6,351	3,258	444	738
Sample submission	6,351	2,323	1,833	277	285

[1]A total of 21,661 analyses were conducted on 11,069 samples.

[2]Agriculture & Food performed 4,551 analyses jointly with Environment Canada and 1,800 analyses jointly with the University of Guelph.

[3]1,331 samples of tobacco were analysed for maleic hydrazide.

APPENDIX V

AGRICULTURAL REPRESENTATIVES BRANCH

GENERAL PUBLICITY

In addition to the individual and group contracts, the Agricultural Representatives Branch is also involved in disseminating information by mass media.

Press releases	1,718
Special press releases	1,032
Radio broadcasts	1,060
Television	84
Newsletters	850
Brochures distributed	125,306
Factsheets distributed	268,092
Bulletins distributed	417,885

SUMMARY OF CONTACTS 1984/85

Topics	Individual Contacts				Group Contacts	
	Farm Visits	Office Visits	Telephone Contacts	Other	No. of Groups Contacted	Attendance at Group Meetings
Farm Business Management	3,293	8,196	23,098	1,125	669	26,586
Livestock Management						
—Dairy	1,609	2,806	8,691	466	733	50,075
—Beef	1,710	3,817	9,228	524	598	29,764
—Swine	316	1,473	3,308	199	194	9,713
—Other	629	1,579	3,520	376	129	5,401
Soil and Crop Management	4,613	12,008	28,468	1,434	867	45,926
General Extension Activities	4,567	23,741	57,382	1,931	7,250	122,485
TOTAL	16,737	53,620	133,695	6,055	10,440	289,950

APPENDIX VI

NON-RESIDENT AGRICULTURAL LAND INTERESTS REGISTRATION ACT

Agricultural Land Interests Registered by Non-Residents to March 31, 1985

County/Municipality	No. of Properties	Total Acreage
ALGOMA	2	205
BRANT	12	1,197
BRUCE	46	8,514
COCHRANE	4	358
DUFFERIN	7	1,381
DURHAM	31	1,718
ELGIN	14	2,292
ESSEX	40	4,041
FRONTENAC	4	3,143
GREY	16	2,958
HALDIMAND-NORFOLK	40	7,173
HALIBURTON	2	4,769
HALTON	67	9,560
HAMILTON-WENTWORTH	11	875
HASTINGS	6	2,082
HURON	95	16,162
KENORA	1	132
KENT	37	3,564
LAMBTON	79	11,060
LANARK	4	680
LEEDS & GRANVILLE	10	919
LENNOX & ADDINGTON	9	3,297
MANITOULIN	9	3,535
METRO TORONTO	9	361
MIDDLESEX	34	5,055
MUSKOKA	23	851
NIAGARA	21	1,399
NIPISSING	0	0
NORTHUMBERLAND	8	346
OTTAWA-CARLETON	5	1,799
OXFORD	16	3,110
PARRY SOUND	4	5,680
PEEL	27	1,897
PERTH	67	7,350
PETERBOROUGH	6	562
PRESCOTT & RUSSELL	15	2,927
PRINCE EDWARD	20	2,606
RAINY RIVER	115	18,760
RENFREW	7	1,377
SIMCOE	42	3,387
STORMONT, DUNDAS & GLENGARRY	21	4,221
SUDBURY	0	0
THUNDER BAY	2	164
TIMISKAMING	10	2,039
VICTORIA	6	1,030
WATERLOO	38	3,612
WELLINGTON	25	3,661
YORK	32	3,161
Total acres registered	1,099	164,970

Total acres acquired prior to 1981		91,395
Total acres acquired in	1981	39,094
	1982	16,841
	1983	9,802
	1984	7,455
	1985 up to Mar 31	383
Net total of acres registered		164,970

APPENDIX VII - 1
ECONOMICS BRANCH

Farm Cash Receipts, Ontario, 1982-1984

	1982r	1983r	1984r
		- $ '000 -	
Wheat	63,114	91,511	111,715
Oats	2,240	2,263	2,182
Barley	14,422	15,846	15,916
Rye	723	755	841
Soybeans	199,496	246,926	205,169
Corn	295,901	460,035	400,177
Potatoes	39,734	51,278	54,098
Fruit	101,049	109,555	108,351
Vegetables	245,055	271,559	294,502
Floriculture & nursery	160,703	172,878	202,200
Tobacco	355,801	249,414	322,020
Dry beans	40,596	14,666	25,414
Other crops	94,538	77,053	131,286
Crop insurance payments	19,941	78,896	18,275
Total crops	1,633,313	1,842,635	1,892,146
Cattle	1,020,635	1,038,395	1,007,827
Calves	103,590	93,101	108,047
Hogs	656,112	596,472	625,809
Sheep and lambs	12,599	11,920	12,642
Dairy products	871,316	847,804	912,663
Poultry	269,653	274,701	317,421
Eggs	180,134	189,599	203,046
Honey	6,161	6,769	8,684
Fur	17,518	16,481	17,517
Wool	460	414	520
Other livestock products	25,106	24,605	25,713
Total livestock products	3,163,284	3,100,261	3,239,889
Forest & maple products	15,808	16,500	17,081
Provincial Income stabilization program	5,073	1,369	10,769
Dairy supp. payments	87,250	87,454	90,238
Deficiency payments	9,901	19,490	79,911
Cash receipts from farming operations	4,914,629	5,067,709	5,330,034
Supplementary payments	20,328	0	0
Total cash receipts	4,934,957	5,067,709	5,330,034

Farm Operating Expenses and Depreciation Charges, Ontario 1982-1984

	1982r	1983r	1984r
		- $'000 -	
Taxes	47,883	51,121	46,976
Gross farm rent	124,074	122,694	114,106
Wages to labour	393,067	420,974	438,294
Interest on indebtedness	600,479	496,995	534,418
Total machinery expenses	428,846	432,421	454,807
Fuel and oil	205,924	208,094	223,077
Machinery repairs and Other machinery expenses	222,922	224,327	231,730
Fertilizer and lime	260,903	239,837	276,292
Fertilizer	258,941	238,018	274,197
Lime	1,962	1,819	2,095
Other crop expenses	280,641	281,638	292,991
Pesticides	123,830	126,307	127,444
Seed	126,381	126,128	136,344
Twine, wire & containers	30,430	29,203	29,203
Feed	638,111	681,503	701,267
Other livestock expenses	330,666	300,155	299,187
Feeder cattle	268,851	234,393	231,119
Breed association fees	2,944	3,182	3,235
A.I. fees & vet. expenses	58,871	62,580	64,833
Repairs to buildings	72,494	78,439	82,439
Electricity	71,297	74,342	77,985
Telephone	19,799	20,928	21,556
Miscellaneous expenses	304,384	312,481	324,774
Insurance	31,787	34,270	34,967
Fencing	11,371	12,338	12,585
Custom work	38,987	41,560	42,557
Other	222,239	224,313	234,665
Total operating expenses	3,572,644	3,513,528	3,665,092
Depreciation on buildings	207,389	189,775	182,946
Depreciation on machinery	435,494	449,290	443,451
Total operating expenses and depreciation charges	4,215,527	4,152,593	4,291,489

r Revised Source: Statistics Canada

APPENDIX VII - 2
ECONOMICS BRANCH
FARM MARKET NEWS SERVICE

Summary of User Calls to Daily Market Programs
March 13, 1984 - March 12, 1985

Daily Reports	Radio Calls	Total Calls
Fruit and Vegetable	1,020	4,878
Central and Western Hog	1,568	15,847
Eastern Hog	1,968	6,789
Cash and Futures	2,425	22,473
Feed Grain	1,567	4,862
Cattle and Sheep	6,807	22,455
Farm Market Summary	6,302	9,954
TOTAL	21,657	87,258

APPENDIX VIII - TABLE 1

TILE DRAINAGE DEBENTURES PURCHASED

Fiscal Year April 1, 1984 - March 31, 1985

Municipality	No. of Projects	Loan Amount
ALGOMA		
Laird	4	26,300.00
MacDonald et al	2	23,900.00
Plummer Additional	1	6,600.00
St. Joseph	1	8,000.00
Tarbutt & Tarbutt Additional	2	21,200.00
	10	86,000.00
BRANT		
Burford	9	77,600.00
Onondaga	3	11,400.00
Dumfries South	1	10,800.00
	13	99,800.00
BRUCE		
Amabel	4	29,000.00
Arran	15	70,600.00
Brant	14	88,500.00
Bruce	9	59,800.00
Carrick	7	39,000.00
Culross	4	14,400.00
Eastnor	3	21,300.00
Elderslie	3	14,100.00
Greenock	8	42,900.00
Huron	25	244,300.00
Kincardine	24	100,000.00
Kinloss	7	43,200.00
Lindsay	1	6,400.00
Saugeen	5	23,800.00
	129	797,300.00
COCHRANE (DISTRICT)		
Timmins	3	13,800.00
	3	13,800.00
DUFFERIN		
Amaranth	7	68,200.00
Garafraxa, East	3	13,600.00
Luthur, East	10	79,100.00
	20	160,900.00
DUNDAS		
Matilda	31	245,900.00
Mountain	43	263,000.00
Williamsburg	15	140,300.00
Winchester	36	263,100.00
	125	912,300.00
DURHAM (REGION)		
Brock	16	108,200.00
Newcastle (Town)	3	16,500.00
Scugog	7	32,200.00
Uxbridge	1	3,700.00
	27	160,600.00
ELGIN		
Aldborough	24	204,800.00
Bayham	22	77,000.00
Dunwich	42	295,000.00
Malahide	14	98,000.00
South Dorchester	6	43,200.00
Southwold	11	73,700.00
Yarmouth	14	150,900.00
	133	942,600.00
ESSEX		
Anderdon	4	23,200.00
Colchester, North	13	90,600.00
Colchester, South	4	33,000.00
Gosfield North	10	77,400.00
Gosfield South	15	132,700.00
Maidstone	10	69,300.00
Malden	8	71,800.00
Mersea	47	312,700.00
Pelee Island	2	20,000.00
Rochester	8	51,100.00
Sandwich South	12	81,400.00
Sandwich West	2	9,600.00
Tilbury North	11	106,400.00
Tilbury West	20	181,500.00
	166	1,260,700.00
FRONTENAC		
Bedford	1	12,000.00
Kingston	1	8,200.00
Pittsburgh	1	3,700.00
Portland	1	2,600.00
Storrington	1	9,100.00
	5	35,600.00
GLENGARRY		
Charlottenburgh	12	97,200.00
Kenyon	16	84,400.00
Lancaster	28	209,100.00
Lochiel	19	119,500.00
	75	510,200.00
GRENVILLE		
Augusta	1	20,000.00
Edwardsburgh	6	48,700.00
Gower, South	6	55,000.00
Wolford	3	33,200.00
	16	156,900.00
GREY		
Artemesia	1	900.00
Bentinck	1	6,200.00
Collingwood	9	50,000.00
Derby	2	11,200.00
Egremont	10	74,800.00
Euphrasia	2	11,400.00
Glenelg	3	13,800.00
Normanby	3	20,100.00
Osprey	2	11,600.00
Proton	2	5,100.00
St. Vincent	1	7,100.00
Sullivan	3	17,700.00
Sydenham	3	13,000.00
	42	242,900.00
HALDIMAND-NORFOLK (REGION)		
Delhi	9	42,900.00
Dunnville	7	64,000.00
Nanticoke	15	163,000.00
Norfolk	15	88,700.00
Simcoe	1	5,200.00
	47	363,800.00
HALTON (REGION)		
Burlington	2	7,700.00
Halton Hills	2	23,700.00
Milton	3	7,500.00
	7	38,900.00

I = Interim Grants P = Preliminary Report S = Superintendents Fees

Municipality	No. of Projects	Amount
HAMILTON-WENTWORTH (REGION)		
Ancaster	7	41,100.00
Flamborough	5	34,700.00
Glanbrook	8	31,800.00
Stoney Creek	1	5,900.00
	21	113,500.00
HASTINGS		
Hungerford	6	35,300.00
Huntingdon	5	34,300.00
Rawdon	7	81,100.00
Sidney	5	22,700.00
Thurlow	2	12,400.00
Tyendinaga	2	20,900.00
	27	206,700.00
HURON		
Ashfield	21	213,900.00
Colborne	6	34,600.00
East Wawanosh	10	66,300.00
Goderich	21	121,400.00
Grey	23	150,100.00
Hay	25	204,300.00
Howick	14	56,700.00
Hullett	14	107,400.00
McKillop	28	177,200.00
Morris	18	75,700.00
Stanley	24	127,600.00
Stephen	25	163,100.00
Tuckersmith	8	74,700.00
Turnberry	8	42,300.00
Usborne	27	229,600.00
West Wawanosh	13	62,600.00
	285	1,907,500.00
KENT		
Camden	18	125,200.00
Chatham	33	246,600.00
Dover	29	196,400.00
Harwich	36	348,400.00
Howard	27	220,300.00
Orford	18	147,800.00
Raleigh	30	238,000.00
Romney	9	57,200.00
Tilbury East	36	232,200.00
Wallaceburg	1	20,000.00
Zone	11	86,200.00
	248	1,918,300.00
LAMBTON		
Bosanquet	23	154,700.00
Brooke	40	333,300.00
Dawn	47	361,100.00
Enniskillen	20	148,900.00
Euphemia	14	102,700.00
Moore	15	203,300.00
Plympton	31	298,800.00
Sarnia	12	113,000.00
Sombra	21	202,400.00
Thedford	1	20,000.00
Warwick	21	219,500.00
	245	2,157,700.00
LANARK		
Bathurst	1	3,300.00
Beckwith	6	37,000.00
Drummond	2	15,500.00
Pakenham	7	43,200.00
Ramsay	3	20,800.00
	19	119,800.00

Municipality	No. of Projects	Loan Amount
LEEDS		
Elizabethtown	11	54,000.00
Front Leeds & Landsdowne	7	30,900.00
Front Yonge	2	9,700.00
Rear of Leeds & Lansdowne	3	37,600.00
Rear Yonge, Rear Escott	5	29,100.00
South Crosby	2	18,800.00
	30	180,100.00
LENNOX & ADDINGTON		
Ernestown	2	12,800.00
North Fredericksburgh	4	46,300.00
Richmond	1	4,200.00
South Fredericksburgh	2	4,700.00
	9	68,000.00
MANITOULIN		
Assiginack	2	11,900.00
Barrie Island	2	17,000.00
Gordon	2	9,400.00
Tehkummah	1	4,900.00
	7	43,200.00
MIDDLESEX		
Adelaide	16	154,500.00
Biddulph	21	203,200.00
Caradoc	16	90,900.00
Delaware	4	31,900.00
East Williams	18	96,500.00
Ekfrid	19	181,200.00
Lobo	11	107,100.00
London	27	195,300.00
McGillivray	29	256,600.00
Metcalfe	10	91,000.00
Mosa	16	119,500.00
North Dorchester	11	68,200.00
West Nissouri	19	139,700.00
West Williams	7	56,400.00
Westminster	10	67,500.00
	234	1,859,500.00
NIAGARA (REGION)		
Lincoln	33	147,500.00
Niagara-on-the-Lake	38	251,600.00
Pelham	5	17,400.00
St. Catharines	2	16,300.00
Wainfleet	14	133,100.00
West Lincoln	4	47,400.00
	96	613,300.00
NIPISSING		
Caldwell	6	68,600.00
Springer	6	34,200.00
	12	102,800.00
NORTHUMBERLAND		
Brighton	5	32,900.00
Cramahe	7	15,000.00
Haldimand	4	21,600.00
Hamilton	18	77,800.00
Hope	4	52,300.00
Murray	6	22,200.00
Percy	5	15,400.00
Seymour	3	17,300.00
	52	254,500.00

I = Interim Grants P = Preliminary Report S = Superintendents Fees

Municipality	No. of Projects	Amount
OTTAWA-CARLETON (REGION)		
Cumberland	12	102,400.00
Goulbourn	3	31,600.00
Nepean	6	41,500.00
Osgoode	31	222,400.00
Rideau	15	98,800.00
West Carleton	21	109,000.00
	88	605,700.00
OXFORD COUNTY		
Blandford-Blenheim	14	82,100.00
East Zorra-Tavistock	23	124,100.00
Norwich	22	173,800.00
South-West Oxford	8	52,800.00
Zorra	42	349,000.00
	109	781,800.00
PEEL (REGION)		
Brampton	1	4,800.00
Caledon	6	43,100.00
	7	47,900.00
PERTH		
Blanshard	26	221,400.00
Downie	18	100,900.00
Ellice	37	328,700.00
Elma	58	314,600.00
Fullarton	37	299,000.00
Hibbert	23	193,400.00
Logan	37	321,900.00
Mornington	26	134,100.00
North Easthope	19	148,300.00
South Easthope	10	60,000.00
Wallace	28	159,800.00
	319	2,282,700.00
PETERBOROUGH		
Asphodel	5	21,900.00
Douro	1	8,900.00
North Monaghan	1	11,600.00
Otonabee	6	23,200.00
Smith	1	9,600.00
South Monaghan	1	3,300.00
	15	78,500.00
PRESCOTT		
Alfred	3	37,000.00
Caledonia	23	137,400.00
East Hawkesbury	17	69,100.00
Longueil	7	49,900.00
Plantagenet, North	4	53,900.00
Plantagenet, South	26	215,500.00
Hawkesbury, West	2	26,100.00
	82	588,900.00
PRINCE EDWARD		
Hallowell	2	9,700.00
Hillier	3	9,300.00
North Marysburgh	2	6,600.00
	7	25,600.00
RAINY RIVER (DISTRICT)		
Morley	1	17,600.00
	1	17,600.00

Municipality	No. of Projects	Loan Amount
RENFREW		
Admaston	3	18,500.00
Bromley	13	36,700.00
McNab	2	6,300.00
Ross	3	9,400.00
Stafford	2	12,200.00
Westmeath	1	10,100.00
	24	93,200.00
RUSSELL		
Cambridge	36	224,800.00
Clarence	11	99,800.00
Russell	33	284,300.00
	80	608,900.00
SIMCOE		
Adjala	2	900.00
Essa	8	32,300.00
Flos	14	108,200.00
Innisfil	4	19,400.00
Mara	1	12,100.00
Nottawasaga	7	34,500.00
Oro	5	22,800.00
Rama	1	4,000.00
Sunnidale	7	49,000.00
Tecumseth	5	39,000.00
Tiny	7	36,000.00
Vespra	7	33,200.00
West Gwillimbury	1	7,800.00
	69	399,200.00
STORMONT		
Cornwall	3	17,600.00
Finch	30	235,000.00
Osnabruck	8	44,700.00
Roxborough	20	150,100.00
	61	447,400.00
SUDBURY		
Cosby, Mason & Martland	1	10,000.00
Ratter & Dunnett	1	3,800.00
The Spanish River	2	18,800.00
	4	32,600.00
THUNDER BAY		
Neebing	1	6,000.00
Paipoonge	9	77,400.00
	10	83,400.00
TIMISKAMING		
Armstrong	8	82,200.00
Brethour	2	18,800.00
Casey	5	46,900.00
Chamberlain	3	9,600.00
Dack	2	21,900.00
Dymond	5	44,900.00
Evanturel	5	69,800.00
Haileybury	2	20,000.00
Harley	2	15,900.00
Harris	2	16,600.00
Hilliard	5	50,000.00
Hudson	2	9,800.00
Kerns	6	40,100.00
	49	446,500.00

Municipality	No. of Projects	Loan Amount
VICTORIA		
Eldon	4	24,700.00
Emily	6	33,000.00
Fenelon	3	26,800.00
Manvers	2	16,900.00
Mariposa	6	57,800.00
Ops	9	59,200.00
	30	218,400.00
WATERLOO (REGION)		
Wellesley	15	143,900.00
Wilmont	5	24,900.00
Woolwich	7	45,300.00
	27	214,100.00
WELLINGTON		
Arthur	23	152,700.00
Erin	1	1,900.00
Guelph	4	30,200.00
Maryborough	27	223,900.00
Minto	26	165,000.00
Nichol	8	57,400.00
Peel	30	233,800.00
Pilkington	7	55,400.00
West Garafraxa	9	75,600.00
West Luther	12	71,000.00
	147	1,066,900.00
YORK (REGION)		
Georgina	1	20,000.00
	1	20,000.00
PROVINCIAL TOTAL	3,233	23,386,500.00

APPENDIX VIII - 2

YEAR END REPORT FOR TILE DRAINAGE ACT NORTHERN ONTARIO TILE LOANS

(Unorganized Municipalities) Fiscal Year April 1, 1984 - March 31, 1985

Name	Amount	District	Month
Harold Arnold	2,600	Manitoulin	December
Jean Noel Beaudry	6,700	Nipissing	December
Robert Borgford	7,700	Timiskaming	August
Denis Cloutier	16,200	Timiskaming	December
Allen Fielding	5,700	Timiskaming	December
Gerard & Lucienne Giroux	10,800	Nipissing	December
Jacques Hurtubise	9,500	Nipissing	March
Richard Jibb	3,200	Timiskaming	August
Jack & Fred Jones	16,200	Timiskaming	January
La Ferme Groleau Ltd.	20,000	Cochrane	October
Damien Leveille	9,600	Timiskaming	August
Francois Leveille	3,600	Timiskaming	January
David McDermid	3,900	Manitoulin	December
Armand McLean	2,500	Timiskaming	August
Raymond Nichol	6,800	Timiskaming	December
John Nowry	4,900	Timiskaming	August
Murry Proctor	400	Timiskaming	January
Robert Rousseau	9,100	Nipissing	July
Clair & Jane Williams	3,700	Timiskaming	August
TOTAL	$143,100		

NORTHERN ONTARIO TILE LOANS SUMMARY

(Unorganized Municipalities) Fiscal Year April 1, 1984 - March 31, 1985

District	No. of Loans	Amount of Loans
Cochrane	1	20,000
Manitoulin	2	6,500
Nipissing	4	36,100
Timiskaming	12	80,500
TOTAL	19	$143,100

APPENDIX VIII - TABLE 2

GRANTS UNDER THE DRAINAGE ACT

Fiscal Year April 1, 1984 - March 31, 1985

Municipality	Drainage Works with Engineer's Report			Routine Maintenance		
	No. of Drains	Total Cost	Total Grant	No. of Drains	Total Cost	Total Grant
ALGOMA DISTRICT						
Iron Bridge	1	50,360.00	28,308.67	0	0.00	0.00
	1	50,360.00	28,308.67	0	0.00	0.00
BRANT COUNTY						
Burford	0	0.00	0.00	38	79,657.99	25,767.66
	0	0.00	0.00	38	79,657.99	25,767.66
BRUCE COUNTY						
Amabel	P	1,116.12	372.04	S	1,755.00	877.50
Brant	0	0.00	0.00	1	1,017.00	413.99
Bruce	1	39,381.05	9,376.87	S	1,393.75	696.87
Elderslie	1	24,386.38	7,954.65	2	5,955.07	1,993.76
Greenock	1	65,697.49	15,582.30	S	5,186.21	2,593.10
Huron	0	0.00	0.00	29	17,965.06	6,273.57
Kincardine	0	0.00	0.00	5	8,408.73	3,591.74
Kinloss	1	18,994.51	3,875.53	9	22,584.53	8,156.43
Lindsay	0	0.00	0.00	S	777.60	388.80
	2	149,575.55	37,161.39	46	65,042.95	24,985.76
COCHRANE DISTRICT						
Black River-Matheson	P	2,587.56	1,725.04	0	0.00	0.00
	0	2,587.56	1,725.04	0	0.00	0.00
DUFFERIN COUNTY						
Amaranth	3	86,435.37	27,353.43	1	1,514.40	672.00
East Garafraxa	2	88,914.45	18,419.95	2	988.65	383.11
East Luther	0	0.00	0.00	4	11,392.82	4,196.42
Melancthon	1	56,137.23	15,037.94	S	202.50	101.25
	6	231,487.05	60,811.32	7	14,098.37	5,352.78
DUNDAS COUNTY						
Matilda	3	258,464.60	79,932.74	4	16,863.87	6,232.07
Mountain	1	188,280.16	60,575.40	9	31,895.39	11,306.70
Williamsburg	2	263,620.95	36,270.36	4	18,110.03	6,121.61
Winchester	3	87,393.56	23,955.76	7	27,391.82	9,191.47
	9	797,759.27	200,734.26	24	94,261.11	32,851.85
ELGIN COUNTY						
Aldborough	13	351,480.98	102,123.65	0	0.00	0.00
Bayham	2	26,209.65	5,069.50	29	13,979.17	4,383.07
Dunwich	7	222,828.65	61,360.55	22	19,704.23	7,470.17
Malahide	1	96,506.51	27,443.47	38	47,891.41	14,879.97
South Dorchester	3	83,960.67	21,805.75	34	16,861.35	5,278.24
Southwold	3	21,275.27	5,040.79	12	47,129.52	20,144.39
Yarmouth	9	214,989.75	57,382.14	6	58,957.20	22,789.08
	38	1,017,251.48	280,225.85	141	204,522.88	74,944.92
ESSEX COUNTY						
Amherstburg	0	0.00	0.00	S	916.10	458.05
Anderdon	3	50,061.13	14,943.29	2	9,711.63	4,551.81
Colchester North	4	113,879.39	16,974.91	4	17,390.68	5,045.99
Colchester South	5	73,543.86	17,672.72	2	30,069.74	14,172.55
Gosfield North	1	8,836.55	2,469.63	6	24,263.40	10,097.29
Gosfield South	6	76,566.13	18,146.27	11	43,661.46	13,032.03
Maidstone	3	76,216.70	14,872.94	1	19,471.62	6,589.01
Malden	5	47,538.07	11,824.29	8	27,508.66	8,555.40
Mersea	3	92,779.00	21,921.47	23	122,545.26	40,927.00
Pelee Island	2	204,944.84	55,436.73	0	0.00	0.00
Rochester	3	76,217.64	18,832.10	35	77,649.13	23,652.45
Sandwich South	9	156,214.87	40,863.31	2	18,591.00	8,588.60
Tilbury North	6	104,988.28	18,342.31	59	90,392.24	26,091.19
Tilbury West	0	0.00	0.00	33	27,913.56	9,926.25
	50	1,081,786.46	252,299.67	186	510,084.48	171,687.62

I = Interim Grants P = Preliminary Report S = Superintendents Fees

Municipality	Drainage Works with Engineer's Report			Routine Maintenance		
	No. of Drains	Total Cost	Total Grant	No. of Drains	Total Cost	Total Grant
FRONTENAC COUNTY						
Olden	0	0.00	0.00	S	122.00	61.00
	0	0.00	0.00	0	122.00	61.00
GLENGARRY COUNTY						
Charlottenburg	0	0.00	0.00	S	8,292.93	4,146.47
Kenyon	0	0.00	0.00	17	83,042.64	29,144.34
Lancaster Twp	1	20,575.50	6,419.75	3	22,516.98	8,636.59
Lancaster Village	1	18,797.91	1,286.07	0	0.00	0.00
Lochiel	3	403,168.63	125,584.75	2	6,377.01	2,871.64
	5	442,542.04	133,290.57	22	120,229.56	44,799.04
GRENVILLE COUNTY						
Augusta	1	102,280.75	33,387.73	0	0.00	0.00
Edwardsburgh	1	38,121.11	9,513.16	1	17,860.11	6,630.97
Oxford-On-Rideau	1	875,872.47	254,662.82	0	0.00	0.00
South Gower	0	0.00	0.00	S	2,183.00	1,091.50
Wolford	0	0.00	0.00	S	1,117.50	558.75
	3	1,016,274.33	297,563.71	1	21,160.61	8,281.22
GREY COUNTY						
Derby	1	6,960.00	2,042.98	1	3,371.84	1,049.40
Proton	1	3,486.82	3,040.18	11	16,304.64	4,870.59
Sullivan	0	0.00	0.00	2	12,939.33	4,293.53
	2	10,446.82	5,083.16	14	32,615.81	10,213.52
HALDIMAND-NORFOLK RGN						
Delhi	P	1,688.97	562.99	40	62,990.16	22,222.58
Dunnville	1	19,005.63	5,384.01	0	0.00	0.00
Nanticoke	2	51,426.31	14,237.56	14	29,109.00	8,508.23
Norfolk	4	101,065.78	23,386.17	26	60,338.45	22,446.84
Simcoe	0	0.00	0.00	S	1,069.41	534.70
	7	173,186.69	43,570.73	80	153,507.02	53,712.35
HAMILTON-WENTWORTH RGN						
Glanbrook	1	19,045.66	2,383.62	0	0.00	0.00
	1	19,045.66	2,383.62	0	0.00	0.00
HURON COUNTY						
Ashfield	0	0.00	0.00	8	5,756.69	1,951.89
Colborne	0	0.00	0.00	S	116.81	58.40
East Wawanosh	0	0.00	0.00	S	344.85	172.42
Goderich	4	189,519.46	49,086.65	0	0.00	0.00
Grey	6	110,024.95	33,774.64	14	40,009.89	14,810.89
Hay	3	104,807.89	28,064.47	1	1,090.00	362.89
Howick	1	51,066.02	11,654.79	3	14,228.06	5,800.68
Hullett	3	68,769.04	17,003.30	6	11,808.00	3,898.40
McKillop	8	370,710.45	104,519.81	0	0.00	0.00
Morris	2	85,070.85	26,036.67	0	0.00	0.00
Stanley	0	0.00	0.00	5	5,636.00	2,153.65
Stephen	5	127,894.23	37,674.61	0	0.00	0.00
Tuckersmith	8	192,789.90	47,345.40	0	0.00	0.00
Turnberry	1	28,272.45	4,447.33	6	13,055.41	5,603.81
Usborne	4	101,073.96	27,878.20	2	8,498.29	2,735.40
West Wawanosh	1	44,327.25	13,719.02	4	4,513.64	1,298.35
	44	1,474,326.45	401,204.89	49	105,057.64	38,846.78

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Municipality	Drainage Works with Engineer's Report			Routine Maintenance		
	No. of Drains	Total Cost	Total Grant	No. of Drains	Total Cost	Total Grant
KENT COUNTY						
Camden	2	34,717.70	10,773.11	0	0.00	0.00
Chatham Twp	10	222,226.69	37,999.94	81	96,599.84	28,860.01
Chatham City	1	274,188.23	1,383.96	0	0.00	0.00
Dover	4	18,324.55	5,518.28	26	152,280.13	51,180.78
Harwich	16	215,719.62	63,251.62	S	20,855.62	10,427.81
Howard	18	295,106.23	77,194.33	62	42,012.99	15,683.11
Orford	24	270,876.81	69,152.95	55	24,371.80	8,543.65
Raleigh	5	34,992.56	9,173.06	11	48,974.87	17,075.21
Ridgetown	1	3,050.09	425.24	0	0.00	0.00
Romney	6	60,306.09	18,153.37	12	6,578.30	2,466.96
Tilbury East	5	149,679.88	30,694.41	0	0.00	0.00
Zone	2	35,445.27	9,915.90	0	0.00	0.00
	94	1,614,563.63	333,636.17	247	391,673.55	134,237.53
LAMBTON COUNTY						
Bosanquet	2	49,443.81	10,785.09	0	0.00	0.00
Brooke	5	135,139.27	37,942.54	20	38,555.43	12,149.53
Dawn	13	257,115.77	64,899.35	0	0.00	0.00
Enniskillen	5	173,149.25	43,514.63	17	51,479.43	18,435.84
Euphemia	6	155,415.84	43,722.39	0	0.00	0.00
Moore	5	72,849.05	8,619.55	32	154,026.04	42,555.74
Plympton	2	159,772.46	42,476.37	3	13,728.77	4,851.39
Sarnia	2	32,590.42	8,320.05	S	3,813.98	1,906.99
Sombra	7	241,080.98	47,522.21	20	61,812.23	18,297.38
Warwick	7	240,203.32	68,457.26	38	40,547.81	14,766.67
	54	1,516,760.17	376,259.44	130	363,963.69	112,963.54
LANARK COUNTY						
Bathurst	0	0.00	0.00	3	5,426.50	2,178.19
Drummond	0	0.00	0.00	S	1,668.50	834.25
Montague	0	0.00	0.00	S	2,352.90	1,176.45
North Elmsley	0	0.00	0.00	A	389.67	129.89
	0	0.00	0.00	3	9,837.57	4,318.78
LEEDS COUNTY						
Front Escott	0	0.00	0.00	S	687.97	343.99
Front Leeds and Landsdowne	1	96,214.84	30,862.06	0	0.00	0.00
	1	96,214.84	30,862.06	0	687.97	343.99
LENNOX AND ADDINGTON CTY						
South Fredericksburgh	0	0.00	0.00	2	7,243.10	2,007.62
	0	0.00	0.00	2	7,243.10	2,007.62
MANITOULIN DISTRICT						
Gordon	0	0.00	0.00	1	9,522.97	5,103.90
Tehkummah	1	36,411.80	9,560.90	0	0.00	0.00
	1	36,411.80	9,560.90	1	9,522.97	5,103.90
MIDDLESEX COUNTY						
Adelaide	14	311,214.15	69,406.40	14	34,196.35	13,784.31
Biddulph	2	117,342.42	28,084.03	6	11,221.24	4,149.00
Caradoc	3	16,522.29	4,592.64	12	36,421.61	12,603.46
Delaware	5	71,458.48	14,693.55	S	1,000.00	500.00
East Williams	A	348.48	86.25	7	11,450.15	3,626.16
Ekfrid	6	148,589.16	39,187.28	12	22,663.31	10,476.00
Lobo	8	218,071.97	62,336.17	9	23,862.00	10,948.46
London	8	503,845.96	75,335.85	23	22,671.96	7,385.37
McGillivray	6	185,145.06	47,493.66	15	20,990.95	8,324.41
Metcalfe	4	185,655.61	58,585.74	14	7,890.31	2,332.58
Mosa	5	174,682.10	43,619.03	3	12,080.88	3,986.92
North Dorchester	7	153,320.42	34,049.65	0	0.00	0.00
West Nissouri	10	418,763.43	118,536.92	21	23,233.42	7,458.87
West Williams	1	9,404.00	2,943.77	0	0.00	0.00
Westminster	4	121,588.98	31,950.98	S	9,608.31	4,804.16
	83	2,635,952.51	630,901.92	136	237,290.49	90,379.70

Municipality	Drainage Works with Engineer's Report			Routine Maintenance		
	No. of Drains	Total Cost	Total Grant	No. of Drains	Total Cost	Total Grant
NIAGARA REGION						
Fort Erie	2	38,008.51	8,539.11	0	0.00	0.00
Niagara On The Lake	1	45,295.37	854.33	4	63,914.89	17,159.45
Wainfleet	0	0.00	0.00	5	73,220.88	27,832.43
	3	83,303.88	9,393.44	9	137,135.77	44,991.88
NIPISSING DISTRICT						
Caldwell	5	164,134.47	94,076.87	0	0.00	0.00
Calvin	1	67,759.71	37,874.69	0	0.00	0.00
Field	1	7,997.06	5,331.37	0	0.00	0.00
Papineau	1	29,033.41	18,833.31	0	0.00	0.00
	8	268,924.65	156,116.24	0	0.00	0.00
OTTAWA CARLETON REGION						
Cumberland	1	52,061.98	17,288.86	6	32,118.22	14,003.33
Nepean	1	2,163.98	721.33	S	2,957.27	1,478.64
Osgoode	1	2,957,703.83	916,577.80	5	13,954.07	6,228.70
Rideau	0	0.00	0.00	5	29,901.89	11,518.46
West Carleton	A	989.85	352.60	0	0.00	0.00
	3	3,012,919.64	934,940.59	16	78,931.45	33,229.13
OXFORD COUNTY						
Blandford Blenheim	4	198,082.30	54,644.91	41	45,551.50	16,260.21
East Zorra Tavistock	0	0.00	0.00	30	29,635.01	11,696.19
Norwich	14	708,058.54	162,462.10	63	101,955.07	36,451.91
Southwest Oxford	5	319,910.90	85,250.59	86	44,525.01	16,956.29
Zorra	11	651,545.00	191,971.81	54	70,522.73	28,065.79
	34	1,877,596.74	494,329.41	274	292,189.32	109,430.39
PEEL REGION						
Caledon	0	0.00	0.00	1	6,901.39	2,201.29
	0	0.00	0.00	1	6,901.39	2,201.29
PERTH COUNTY						
Blanshard	3	64,542.12	14,995.38	10	10,110.19	3,281.88
Downie	4	153,924.63	29,186.37	1	7,089.54	3,423.10
Ellice	6	156,509.52	40,511.34	2	4,552.35	1,548.70
Elma	5	134,525.58	38,652.99	6	11,642.62	4,074.37
Fullarton	2	24,440.29	2,597.57	7	45,213.57	13,852.73
Hibbert	7	187,101.55	42,437.84	0	0.00	0.00
Logan	7	173,719.34	51,736.29	2	3,715.00	1,286.61
Mornington	5	63,729.57	19,397.09	11	10,501.27	3,842.55
North Easthope	0	0.00	0.00	4	8,263.92	3,161.94
South Easthope	1	18,755.27	2,404.43	0	0.00	0.00
Stratford City	1	33,006.99	5,194.91	0	0.00	0.00
Wallace	2	36,639.00	8,297.05	4	12,761.18	4,818.35
	43	1,046,893.86	255,411.26	47	113,849.64	39,290.23
PRESCOTT COUNTY						
Alfred	1	58,028.20	18,195.59	3	48,732.43	16,697.27
Caledonia	3	468,538.25	128,944.78	8	55,150.45	21,317.53
East Hawkesbury	7	911,833.34	270,198.83	2	8,347.18	2,997.31
Longueil	0	0.00	0.00	1	8,631.22	2,617.61
North Plantagenet	0	0.00	0.00	3	32,802.28	11,500.95
South Plantagenet	7	788,006.57	146,671.79	5	36,962.67	11,716.82
West Hawkesbury	2	115,397.18	33,522.84	S	1,366.49	683.25
	20	2,341,803.54	697,533.83	22	191,992.72	67,530.74
PRINCE EDWARD COUNTY						
Athol	0	0.00	0.00	S	100.00	50.00
	0	0.00	0.00	0	100.00	50.00

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Municipality	Drainage Works with Engineer's Report			Routine Maintenance		
	No. of Drains	Total Cost	Total Grant	No. of Drains	Total Cost	Total Grant
RAINY RIVER DISTRICT						
Atwood	2	97,692.03	48,537.05	3	26,381.60	18,017.30
Blue	1	75,247.53	41,170.14	0	0.00	0.00
Chapple	3	213,704.61	129,447.40	S	605.30	302.65
Emo	1	37,432.69	22,319.57	2	4,912.00	5,013.44
LaVallee	1	11,409.72	7,587.64	1	1,124.97	631.47
Morley	1	38,202.71	24,809.01	S	281.00	140.50
Worthington	1	97,649.96	58,236.13	0	0.00	0.00
	6	571,339.25	332,106.94	6	33,304.87	24,105.36
RENFREW COUNTY						
Bromley	6	377,291.27	120,826.63	0	0.00	0.00
McNab	0	0.00	0.00	S	474.80	237.40
Pembroke	1	29,551.72	7,666.41	0	0.00	0.00
Ross	1	95,651.21	11,886.50	1	1,018.40	488.29
Stafford	0	0.00	0.00	8	23,567.10	8,289.33
	8	502,494.20	140,379.54	9	25,060.30	9,015.02
RUSSELL COUNTY						
Cambridge	4	139,177.25	34,235.61	4	29,975.92	10,450.86
Clarence	0	0.00	0.00	7	24,986.25	9,887.70
Russell	2	73,749.95	23,435.49	6	26,080.26	10,794.92
	6	212,927.20	57,671.10	17	81,042.43	31,133.48
SIMCOE COUNTY						
Adjala	0	0.00	0.00	S	2,681.42	1,340.71
Bradford	1	29,740.84	9,509.85	1	824.38	294.14
Essa	0	0.00	0.00	S	4,064.30	2,032.15
Flos	0	0.00	0.00	S	500.00	250.00
Mara	0	0.00	0.00	2	13,397.49	3,939.70
Orillia	0	0.00	0.00	S	1,398.55	699.28
Tecumseth	A	7,186.93	1,323.53	1	8,676.50	3,544.80
Tosorontio	1	15,403.38	3,896.10	0	0.00	0.00
West Gwillimbury	0	0.00	0.00	6	28,948.70	9,344.98
	2	52,331.15	14,729.48	10	60,491.34	21,445.76
STORMONT COUNTY						
Finch	1	26,151.68	8,327.77	3	9,398.77	3,655.59
Osnabruck	0	0.00	0.00	3	61,810.34	24,683.48
Roxborough	1	129,211.50	42,604.63	2	14,882.47	7,353.86
	1	155,363.18	50,932.40	8	86,091.58	35,692.93
SUDBURY REGION						
Rayside-Balfour	1	7,685.67	4,708.96	0	0.00	0.00
Valley East	0	0.00	0.00	2	6,799.63	3,706.03
	1	7,685.67	4,708.96	2	6,799.63	3,706.03
SUDBURY DISTRICT						
Casimir, Jennings, Appleby	4	147,452.72	87,009.87	0	0.00	0.00
Ratter and Dunnet	2	65,833.45	41,841.05	0	0.00	0.00
The Spanish River	0	0.00	0.00	10	5,000.06	3,180.29
	6	213,286,17	128,850.92	10	5,000.06	3,180.29
TIMISKAMING DISTRICT						
Armstrong	1	320,542.63	194,077.15	0	0.00	0.00
Brethour	1	11,735.00	7,823.25	0	0.00	0.00
Evanturel	0	0.00	0.00	1	15,945.16	4,773.02
Harley	2	75,657.16	55,849.73	0	0.00	0.00
Hilliard	3	241,943.25	117,025.97	0	0.00	0.00
Kerns	3	21,465.48	12,006.64	0	0.00	0.00
	10	671,343.52	386,782.74	1	15,945.16	4,773.02
VICTORIA COUNTY						
Mariposa	0	0.00	0.00	3	15,394.32	4,495.68
OPS	0	0.00	0.00	4	4,808.76	1,362.80
	0	0.00	0.00	7	20,203.08	5,858.48

Municipality	Drainage Works with Engineer's Report			Routine Maintenance		
	No. of Drains	Total Cost	Total Grant	No. of Drains	Total Cost	Total Grant
WATERLOO REGION						
Wellesley	2	57,840.39	12,026.13	4	21,600.98	8,400.00
Wilmot	1	131,409.80	8,748.68	S	2,939.44	1,469.72
Woolwich	1	39,069.25	10,547.82	1	2,564.06	1,112.39
	4	228,319.44	31,322.63	5	27,104.48	10,983.06
WELLINGTON COUNTY						
Arthur	0	0.00	0.00	5	10,292.19	3,944.45
Eramosa	1	41,750.01	9,705.01	0	0.00	0.00
Guelph	1	35,572.16	5,814.87	2	30,089.74	7,707.78
Maryborough	4	116,847.56	35,606.29	8	30,970.05	11,782.69
Minto	6	106,114.45	32,746.65	22	45,000.82	18,001.86
Nichol	1	51,714.08	4,021.25	1	1,663.30	197.88
Peel	1	4,095.91	1,126.01	0	0.00	0.00
Pilkington	0	0.00	0.00	3	6,651.48	2,184.80
West Garafraxa	1	26,974.72	8,285.85	3	2,756.30	894.22
West Luther	1	8,178.54	2,082.41	7	11,666.70	4,601.50
	16	391,247.43	99,388.34	51	139,090.58	49,315.18
YORK REGION						
King	0	0.00	0.00	1	34,898.57	11,782.69
	0	0.00	0.00	1	34,898.57	11,782.69
PROVINCIAL TOTAL	**572**	**24,004,311.83**	**6,920,181.19**	**1,623**	**3,776,712.13**	**1,348,574.52**

I = Interim Grants P = Preliminary Report S = Superintendents Fees

APPENDIX VIII - TABLE 3

GRANTS UNDER THE DRAINAGE ACT

Fiscal Year April 1, 1984 - March 31, 1985

District	Contractor Personal Payee	Total Payment
Payments To Individuals For Work Done On Drainage In Unorganized Territories		
Cochrane	R. Lacroix	1,019.00
Cochrane	S. De Primio	2,446.00
Manitoulin	B. Campbell	1,072.50
Manitoulin	L. Noland	487.50
Manitoulin	M. Robinson	100.00
Nipissing	G. Piquette	1,176.31
Nipissing	O. Laurin	190.73
Nipissing	O. Laurin	1,296.77
Nipissing	R. Goring	260.04
Nipissing	R. Rousseau	628.15
Parry Sound	K. Hughes	500.00
Rainy River	G. Gouliquer	532.53
Timiskaming	J. Linton	155.00
Timiskaming	O. Mcauley	145.00
Total Payment		10,009.53

Contractors For Drains In Unorganized Territories		
Cochrane N.	Blain Farm Drainage	21,730.00
Cochrane N.	Claude Villeneuve Co.	5,661.00
Cochrane N.	Les Enterprises Chega	17,645.00
Cochrane N.	M.T.C.	13,287.42
Kenora	Robert Wall	11,869.78
Manitoulin	H.R. Noble Construction	9,271.88
Manitoulin	Manitoulin Tiling	2,961.92
Manitoulin	Tait Bros.	17,227.00
Nipissing	Ger-Ric-Co Enterprises	4,352.25
Nipissing	Norm Therrien	1,020.00
Nipissing	R.P.M. Enterprises	38,050.00
Nipissing	Ron Joduin	1,895.00
Nipissing	V. Pertulla Excavating	6,900.00
Rainy River	Armor Construction	26,125.80
Rainy River	K. Hele Construction	1,471.70
Sudbury Dist.	Ger-Ric-Co Enterprises	10,540.00
Timiskaming	Blain Farm Drainage	12,405.00
Timiskaming	Rod Inglis Co.	21,477.00
		223,890.75
Less Transfer From Holding Account		(40,312.32)
Total Payment		193,587.96

APPENDIX 1X

SUMMARY OF EXPENDITURE
For The Year Ended March 31, 1985

	($Thousand)	($Thousand)
MINISTRY ADMINISTRATION PROGRAM		
Main Office	2,629	
Financial and Office Services	4,604	
Personnel Services	790	
Information Services	2,579	
Analysis & Planning	2,954	
Legal Services	374	
Audit Services	374	
Experience '84	1,234	
Total for Ministry Administration		15,538
AGRICULTURAL MARKETING AND DEVELOPMENT PROGRAM		
Marketing and Sector Support Payments	13,650	
Red Meat Initiatives	7,300	
Foodland Ontario Promotion	2,689	
Quality Standards	14,408	
Land Preservation and Improvement	44,861	
Total for Agricultural Marketing and Development		82,908
AGRICULTURAL TECHNOLOGY AND FIELD SERVICES PROGRAM		
Education, Research and Technical Services		
Contracted with University of Guelph	22,834	
Veterinary Clinical Training	1,800	
Colleges of Agricultural Technology		
Education and Research	15,840	
Ontario Agricultural Museum and Other Education	5,492	
Horticultural Research Institute of Ontario,		
Other Research and Energy Programs	9,511	
Dairy Herd Improvements	2,600	
Advisory Services	25,135	
Support to Rural and Farm Organizations	3,672	
Total for Agricultural Technology and Field Services		86,884
FINANCIAL ASSISTANCE TO AGRICULTURE PROGRAM		
Financial Assistance Policy	5,949	
Direct Support and Stabilization Payments:		
Farm Tax Reduction Program	94,138	
Subsidy Payments to the Ontario Crop Insurance Fund	21,088	
Ontario Farm Adjustment Assistance Program	10,683	
Ontario Beginning Farmers' Assistance Program	3,547	
Various Grants (Transfer Payments)	3,589	
Farm Income Stabilization Commission	4,650	
Payment of Guarantees	122	
Total for Financial Assistance to Agriculture		143,766
TOTAL EXPENDITURE		329,096

APPENDIX X

SUMMARY OF REVENUE
For The Year Ended March 31, 1985

MINISTRY ADMINISTRATION PROGRAM	($Thousand)	($Thousand)
Reimbursement of Expenditures (Other)	423	
Sales and Rentals	3	
Recovery of Prior Years' Expenditures	6	
Miscellaneous	34	
RECEIPTS:		
Co operative Loans	44	
Total for Ministry Administration		510
AGRICULTURAL MARKETING AND DEVELOPMENT PROGRAM		
Reimbursement of Expenditures		
Government of Canada	434	
Reimbursement of Expenditures (Other)	1,572	
Fees, Licences and Permits	779	
Sales and Rentals	2,239	
Recovery of Prior Years' Expenditures	1,614	
Miscellaneous	5	
RECEIPTS:		
Municipalities re Tile Drainage	20,176	
Tender Fruit Marketing Board	90	
The Drainage Loans in Unorganized Territories	81	
Total for Agricultural Marketing and Development		26,990
AGRICULTURAL TECHNOLOGY AND FIELD SERVICES PROGRAM		
Reimbursement of Expenditures		
Government of Canada	528	
Reimbursement of Expenditures (Other)	613	
Fees, Licences and Permits	1,250	
Sales and Rentals	2,427	
Recovery of Prior Years' Expenditures	60	
Miscellaneous	47	
CREDITS:		
Ontario Agricultural Museum Trust Fund	12	
Bequest and Scholarship	5	
Total for Agricultural Technology and Field Services		4,942
FINANCIAL ASSISTANCE TO AGRICULTURE PROGRAM		
Reimbursement of Expenditures		
Government of Canada	25,261	
Sales and Rentals	3	
Recovery of Prior Years' Expenditures	606	
Miscellaneous	3	
RECEIPTS:		
Ontario Crop Insurance Commission	23,914	
Total for Financial Assistance to Agriculture		49,787
TOTAL FOR REVENUE		82,229

ORGANIZATION CHART

(as of March 31,1985)